

NAVAL AIR WARFARE CENTER TRAINING SYSTEMS DIVISION



The United States Navy's principal center for training systems:

- [RESEARCH]
- [DEVELOPMENT]
- [ACQUISITION]
- [TEST AND EVALUATION]
- [PRODUCT SUPPORT]

TSIS Update
CAPT Tim Hill
16 JUN 2021

NAWCTSD Public Release 18-ORL0040 Distribution Statement A – Approved for public release; distribution is unlimited.



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[COMMAND MISSION]



+ NAWCTSD

To be the principal Navy center for research, development, test and evaluation, acquisition and product support of training systems, to provide inter-service coordination and training systems support for the Army, Marine Corps, and Air Force and to perform such other functions and tasks as directed by higher authority.



+ TEAM ORLANDO

Support the U.S. Department of Defense's requirements by providing a consolidated inter-service military entity in the Central Florida area for Human Performance, Modeling and Simulation and Training. Facilitate research and collaboration of new technologies, programs and agile processes across the inter-agency to further advance a thriving and innovative environment to best support Service requirements and initiatives for effectiveness and efficiency.

OUR MISSION FOCUSES ON THE HUMAN



[AIR WARFARE] AND MUCH MORE – FY20 SUMMARY*

FY20 OBLIGATIONS: \$1.5B FY16: \$1.1B (+30%)
CONTRACT ACTIONS: 1,351

	FY20	FY16
PERSONNEL	1,563	1,242 (+26%)
Government Civilian	1,271	1,079
CSS	253	123
Military	40	40

+ Naval Aviation



PROJECTS
52
FTE WYS
532
PGM VALUE
\$1,900M

+ Surface



PROJECTS
32
FTE WYS
155
PGM VALUE
\$324M

+ Undersea



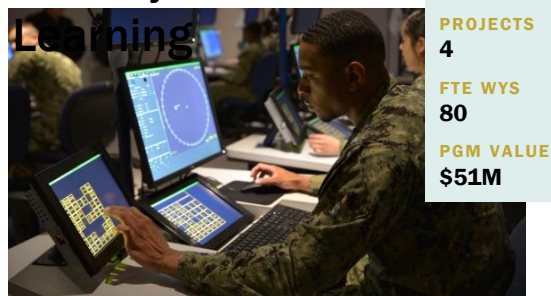
PROJECTS
29
FTE WYS
71
PGM VALUE
\$54M

+ Cross Warfare



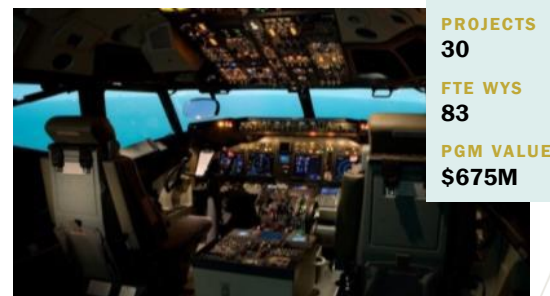
PROJECTS
60
FTE WYS
185
PGM VALUE
\$1,294M

+ Ready Relevant Learning



PROJECTS
4
FTE WYS
80
PGM VALUE
\$51M

+ International



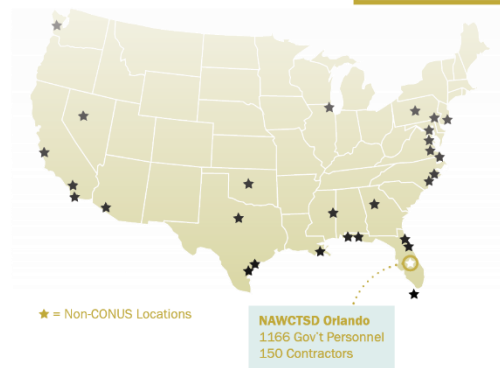
PROJECTS
30
FTE WYS
83
PGM VALUE
\$675M

*All numbers approximate and represent only funds currently committed for NAWCTSD execution

[NAWCTSD] Sites

NAWCTSD
1271 Gov't Personnel
1793 Contractor
40 Military

NOTE:
Digital Radio Management System
support at 20 Navy sites between
NCTE and Ranges, 7 USAF sites,
2 U.S. Army sites



CNAP	Devices	Contractor	ISEs
North Island	33	105	10
Mugu	12	10	1
Pendleton	11	37	5
Miramar	17	65	5
Yuma	3+MAWTS	26	0
Whidbey Island	40	119	6
Lemoore	13	53	1
Tinker AFB	16	37	2
★ Kanehoe Bay	4	5	2
★ Atsugi	2	2	1
★ Futenma	3	3	1
★ Iwakuni	8	12	2

CNAL	Devices	Contractor	ISEs
Norfolk	36	117	10
Oceana	21	71	3
Jacksonville	64	161	8
Mayport	9	27	1
Quantico	4	6	1
Beaufort	5	19	0
New River	19	55	4
Cherry Point	15	57	6

RESFOR	Devices	Contractor	ISEs
New Orleans	3	5	0
Fallon	3	2	0
Fort Worth	9	19	0
Key West	1	2	0
Lakehurst	3	7	0
Norfolk	2	4	0

USMC/CNIC/CNATT	Devices	Contractor	ISEs
Firefighting Training at all USN/USMC bases	136	2	0

SUBMARINE LEARNING CENTER	Devices	Contractor	ISEs
Groton, CT	50	9	2
Norfolk, VA	21	6	1
Kings Bay, GA	25	8	1
San Diego, CA	15	6	1
Bangor, WA	28	8	1
★ Pearl Harbor, HI	32	6	1
★ Guam	5	0	0

INTERNATIONAL PROGRAMS	Devices	Contractor	ISEs
★ Australia	8	25	1
★ Kuwait	5+	24	0
★ Taiwan	3	5	0
★ Oman	300+	1	0
★ Iraq	4	2	0
Mayport (H-60 Saudi)	3	2	0

3124 people supporting 1573 training devices at 169 sites worldwide Generating Fleet Readiness

CNATRA	Devices	Contractor	ISEs
Kingsville	13	17	2
Corpus Christi	34	36	1
Pensacola	46	25	5
Whiting	79	50	3
Meridian	11	30	2

CNATT	Devices	Contractor	ISEs
Pensacola	26	23	3
Lakehurst	3	14	0

BUMED	Devices	Contractor	ISEs
Cherry Point	15	3	0
Norfolk	22	3	1
Jacksonville	5	2	0

SURFACE TRAINING SITES	Devices	Contractor	ISEs
Newport, RI	52	26	2
NB Norfolk	52	47	2
NB Little Creek	7	0	1
Mayport	16	24	5
NB San Diego	62	69	5
NB Coronado	7	0	1
★ Pearl Harbor	8	10	1
★ Japan (Yoko and Sasebo)	2	2	0
Naval Station Everett	2	4	1
Great Lakes, IL	19	62	2
★ Rota	1	0	0
★ Bahrain	1	0	0
Pascagoula/Bath	2	0	0

COVE	Devices	Colleges/Universities
NETC	109	88

[COMMAND ACCOMPLISHMENTS] A FIVE-YEAR

PERSPECTIVE

- Organization

- Updated strategic NAWCTSD Strike Plan
- Streamlined processes to allow for growth
- Changed to NAVAIR MAO with Mission focus
- Stood up RRL TSPM
- F-35 Training PMO PDPM
- Completing Prod Mgt Group stand up
- Divesting of non-training systems workload

- Personnel

- Implemented product-based staffing
- Increased partnerships for leveraging talent
- “Right-sizing” Gov/CSS staffing mix

- Capability

- HPC stack
- Consistent persistent LVC testbed as Operation Blended Warrior turned into LVCDOC

- Extensive Facility Updates

- Significant increase in HTS classified processing
- 300%+ increase in collateral classified processing
- Replaced 30 year old cubes with state of the art individual seating & increased capacity by 100+
- Updated IT & cell phone reception infrastructure
- Refurbished static aircraft displays
- HVAC & storm drain infrastructure improvement projects on contract
- Access control updates & law enforcement interoperability enhancements
- Hybrid work readiness ongoing



[COMMAND ACCOMPLISHMENTS] A FIVE-YEAR

PERSONNEL

- Established Central FL Tech Bridge / Tech Grove
- 30% increase in Educational Partnership Agreements
- 260% increase in MOA's
- Three additions to Team Orlando (STE CFT, USAF SOC, and JAIC)
- Began leveraging UCF FIEA and NSIN

• Talent Pipeline

- STEM Outreach
 - 462% increase in STEM students impacted
 - 3,369% increase in teachers reached
 - 17% increase in volunteers/mentors
- Established Central FL STARBASE

• Mitigating & emerging from COVID-19

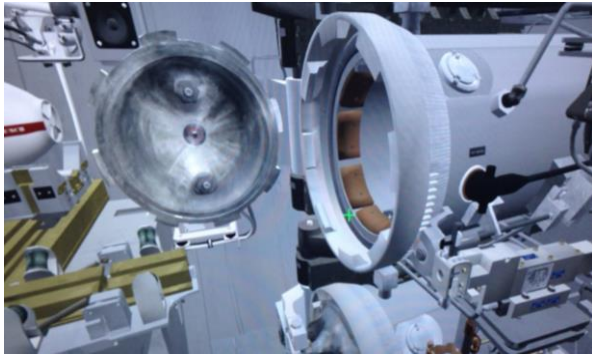
• Efficiency

- Leveraging non-FAR agreements (e.g. OTA)
- Leveraging expanded authorities / delegations
- Tailoring processes to differentiate our work

• Fleet Capability Delivered

- Fielded initial wave of COVE and NSTS related to MCCAIN and FITZGERALD incidents
 - NSTS specifically credited with avoiding collision at sea
- Fielded state-of-the-art LCS training that enables “train to qualify”
- NADTC LANT delivered as prototype- Fleet is utilizing DMT
- NASMP fidelity improvements
- RRL: from vision to three active contracts employing ~10% NAWCTSD workforce; 6741st RRL content fielded
- 450% increase in FMS efforts
- FTSS continued during global pandemic





[FOCUS AREAS]

+ FLEET READINESS

- Maintain relevant fielded devices that support current ops

+ READINESS TRAINING

- Delivering integrated warfighting capability/networked training opportunities
- Live, Virtual, Constructive training solutions

+ SKILLS TRAINING

- Meet needs of Navy career path training
- Implement intelligent tutoring and AI across training areas
- Develop embedded assessment and data analysis tools

+ CYBER SECURITY

+ FOSTER AN ECOSYSTEM OF INNOVATION

+ INCREASED INTERNAL EMPHASIS ON DATA-DRIVEN DECISIONS

+ PROCESS EFFICIENCIES UNDER NEW NAVAIR MISSION ALIGNED ORGANIZATION

[COLLABORATION]

+ We meet Fleet needs *together!*

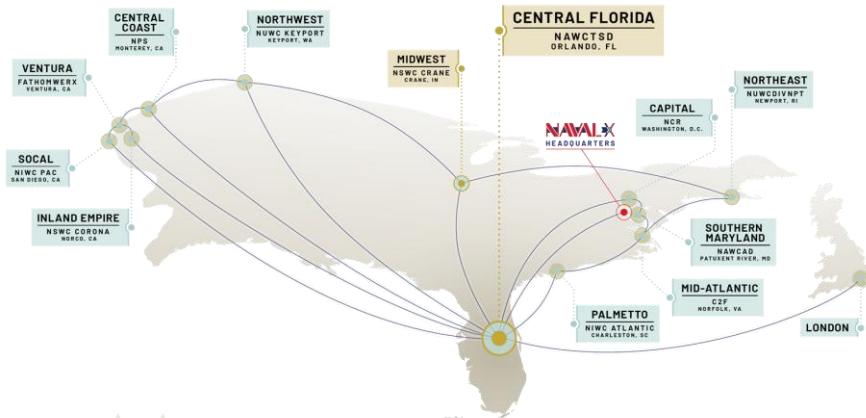
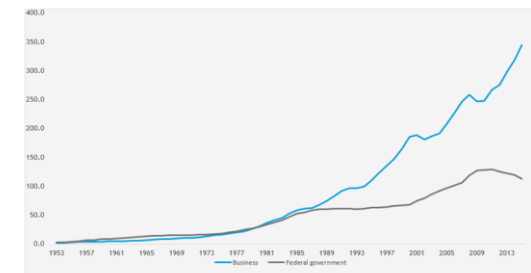




NavalX Tech Bridges Ecosystem of Ecosystems

DoD No Longer Drives the Nation's Innovation Ecosystem

R&D Spending



NavalX Tech Bridge network-
a 14 node ecosystem of
ecosystems (and growing)

SUSTAIN
Provide support as requested by
sponsor and capture best practices

REINFORCE
Integrate existing ecosystem
into Tech Bridge model

Central FL Tech Bridge/Grove

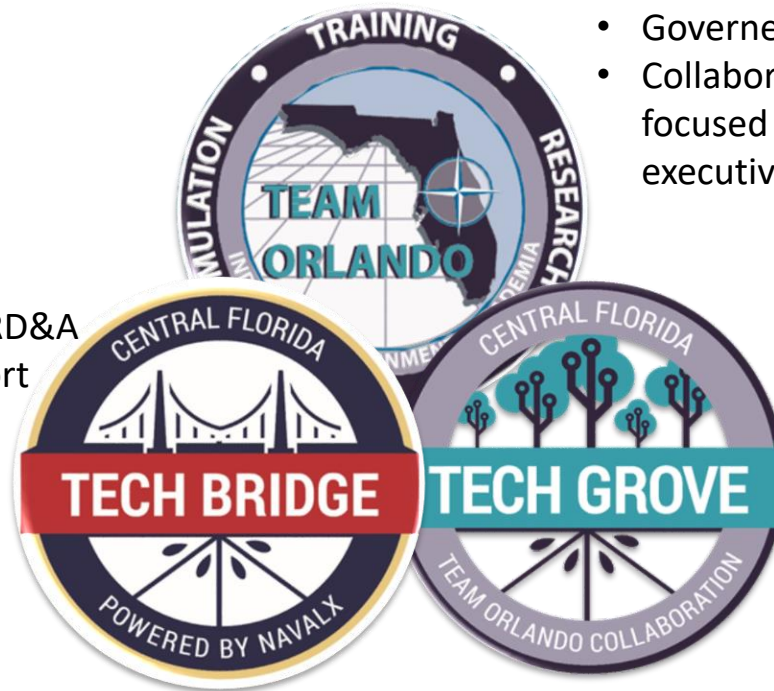
- Run via PIA with UCF Research Foundation
- 4 Lines of Effort
 - Ecosystem
 - Innovation
 - Workforce Development
 - Sustainment
- Innovation Space (Partnership IV)
 - Easy access for non-DOD
 - “Open architecture” for multiple uses
 - Ongoing projects
 - Prize challenges
 - “Tech talks” / community gatherings
 - STEM outreach



Central Florida Ecosystem

Enabler

- Governed by NavalX – ASN RD&A
- Provides connectivity/support to other Navy ecosystems, SMEs & barrier removers



Community (DoD lead)

- Governed by Charter and CONOPS
- Collaborate, share Government focused information & ideas at the executive & senior leader level

Capability

- Governed by PIA & CONOPS
- Physical & virtual environment collaborating at a tech innovation level

NAWCTSD



Mike Merritt
Acquisition Director

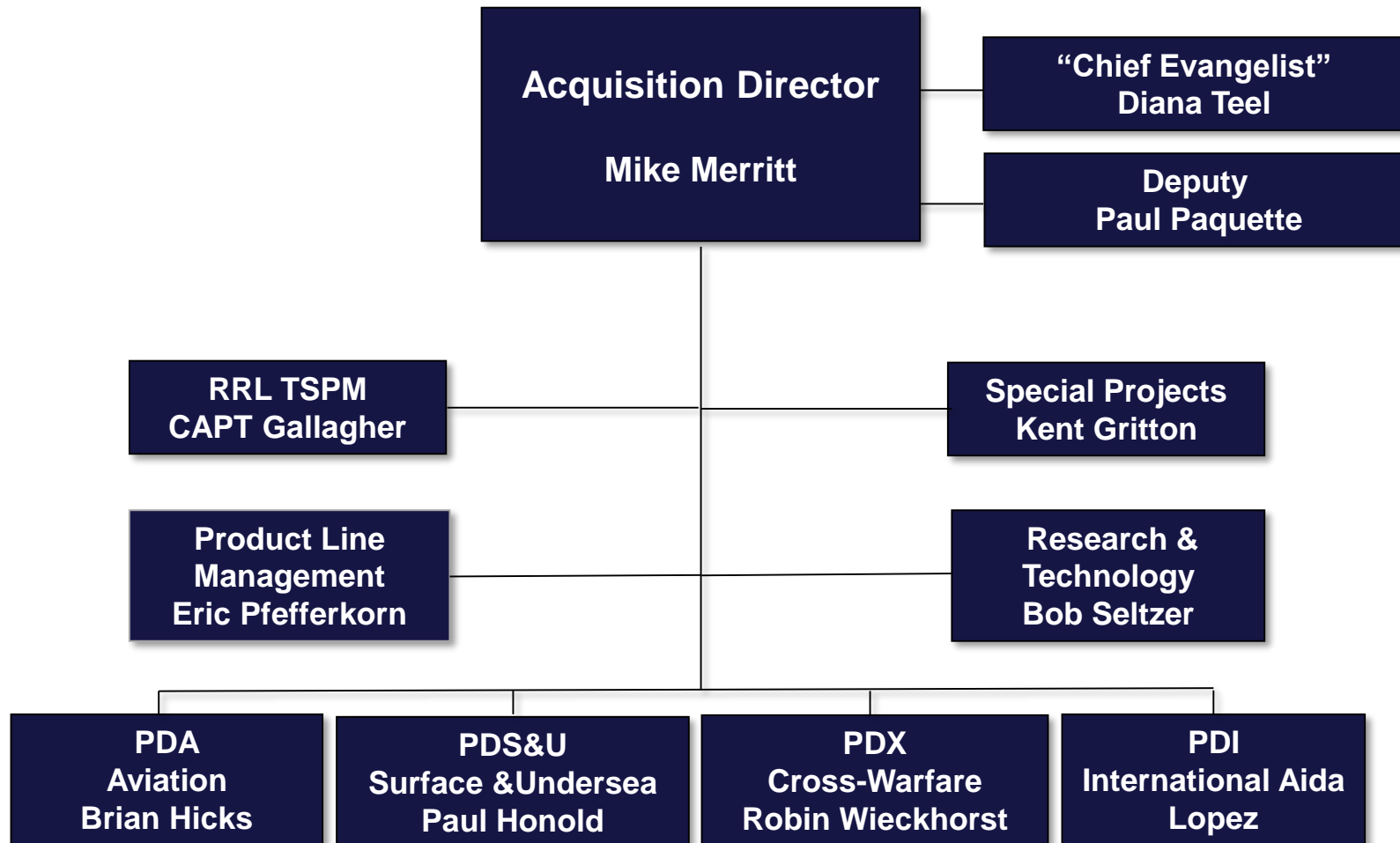


Disclaimer

- The information about to be presented affords industry partners insight into on-going and pending acquisitions.
- Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process.



NAWCTSD Acquisition Management Organization





What We are Going to Tell You

- Outreach Opportunities
 - I/ITSEC, TSIS, PALT¹ and ICD²
- Focus Areas
 - Schedules remain our largest challenge
 - Portfolio Trends
 - More Sim upgrades with fewer “new” systems
 - More Individual + Team Training Emphasis
 - Security (Levels, Access and Information/Cyber Protection)
- Open and Honest Communications is Key
 - Distributed Operations, Virtual Technology and Travel Impacts
 - “The new normal”

¹PALT – Procurement Administrative Lead Time ²ICD – Industry Capability Day



Surface Training Systems

Presented to:

Training and Simulation Industry Symposium 2021

Presented by:

Bob Kerno

PROGRAM MANAGER

SURFACE TRAINING SYSTEMS (PMS 339)

**“We will focus our efforts
towards Warfighting,
Warfighters, and the Future
Navy.”
– CNO FRAGO, Dec 2019**



WARFIGHTING / WARFIGHTERS / FUTURE NAVY

**MISSION ONE FOR EVERY SAILOR IS THE
OPERATIONAL READINESS OF TODAY'S NAVY.**



**“Mission One for every Sailor –
active and reserve, uniformed
and civilian – is the operational
readiness of today's Navy”
– CNO FRAGO, Dec 2019**

Builds or Maintains 300+ Trainers in 15 Sites

Everett/ Bangor

- NSST
- MMTT
- VETT(2)
- DCPO

Fallon

- CAVE
- ADSGF
- ITF

San Diego / Coronado

- FFT(3)
- DC Wet
- NSST
- BDOC
- MMTT(3)
- ASTAC ITA
- LCAC FMT
- CAVE
- ABCTT
- CIAT
- IWTI
- CIWS BL2
- TDC (O)
- VETT (27)
- COVE I (9)
- COVE III (10)
- VMS/ARPA (2)

- Virtual Steam
- 19G4A
- 11E15
- COVE
- EABC Operator
- TDL (M)
- EDCT
- 20HIS
- LPAC
- Fuel/Oils Testing
- PLC
- Basic Hydraulics
- Propulsion Alarms
- 400 H₂ Generators
- Full Mission Bridge and Ships Mission Center

Yokosuka

- NSST
- MMTT
- VETT
- Fuel/Oils Testing
- Valve Maintenance

Sasebo

- NSST
- VETT (2)
- DCPO
- ECD

Great Lakes

- FFT(1)
- DC Wet
- Virtual Steam
- VETT (15)
- 11E15
- 19E51
- 19G4A
- 20H15
- Announcing System
- EM SSEAMC
- Advanced Degaussing
- DCPO
- LM 2500 (+)
- Air Cooled Frequency Converter
- LPD 17 CP MPDE
- Gas Turbine Generator
- LPD 17 ECS

Pearl Harbor

- FFT
- DC Wet
- NSST
- MMTT
- VETT
- Fuel/Oils Testing
- DCPO
- Valve Maintenance

Pascagoula

- COVE III

Rota

- COVE III
- VETT

Bahrain

- COVE III

Bath

- COVE III
- EDCT

Newport

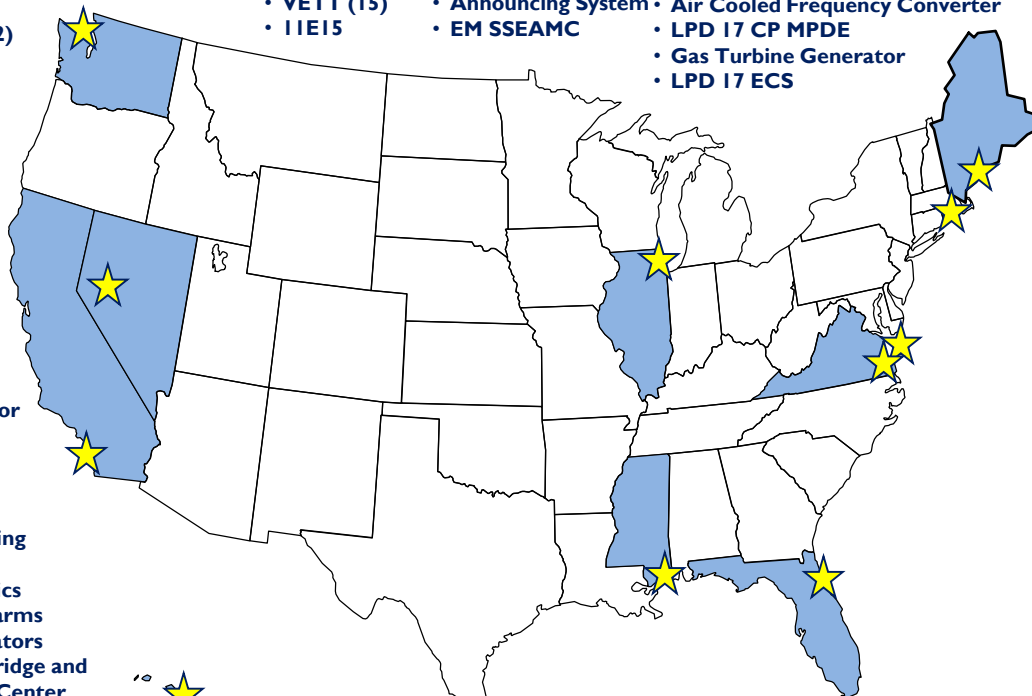
- FFT(1)
- DC Wet
- MMTT
- COVE I (18)
- COVE III (8)
- 19G4A
- EDCT
- Dahlgren
- NIFC-CA PTT
- RCT(2)
- CIAT EDM

Mayport

- FFT (2)
- DC Wet
- MMTT
- NSST
- VETT(4)
- DCPO
- Valve Maintenance
- Fuel/Oils Testing

Little Creek / Norfolk

- Dam Neck
- FFT(3)
- DC Wet
- NSST
- BDOC
- MMTT (2)
- ASTAC ITA
- AATT
- CAVE
- LCAC FMT
- ABCTT
- CIAT
- RHIB
- NSMT (2)
- CIWS BL2
- TDC (O)
- TDL(M)
- VETT (25)
- 19G4A
- Virtual Steam
- COVE I (9)
- COVE III (10)
- VMS/ARPA (2)
- EABC Operator
- 400 H₂ Generators
- Propulsion Alarms
- ECD
- Fuel/Oils Testing
- PLC
- Basic Hardware





N96 (STAVE) System Description

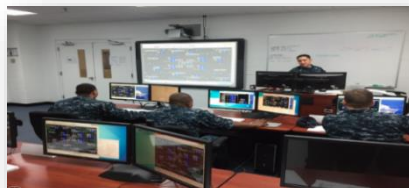
Details in Dec 18, STAVE SECNAV Report to Congress & N96 STAVE Interoperability Standard (SIS)

FY13-26, \$5.3B schoolhouse & waterfront training investments delivering today:

Future Investments:



Modernized, Interactive Operator and Maintenance "Gaming" Course

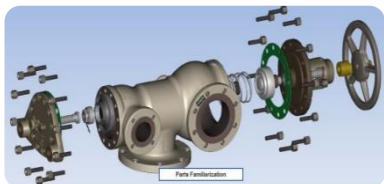


Instructor led learning via embedded operator and maintainer software training support tools

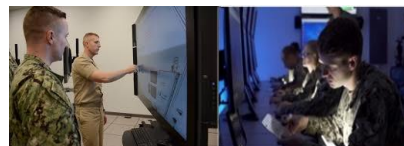
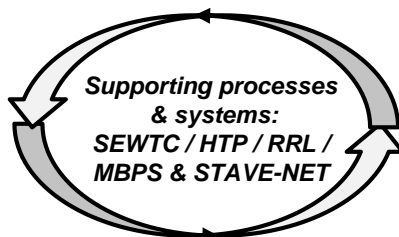
-- STAVE Product Line --



"Hands On" Instructor Led Labs with Modernized Equipment



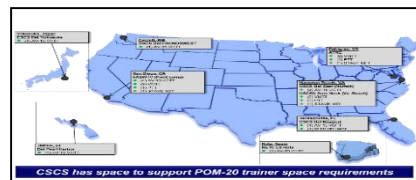
3D Interactive Troubleshooting & Maintenance Models



Virtual Operator & Maintenance Task Trainers (VOTT / VMTT)



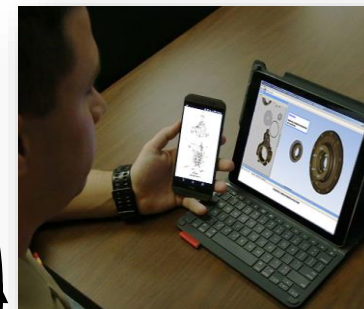
High Fidelity Multi-Mission Team Trainers, including Mariner Skills Training Program (MSTP)



Networked classrooms, trainers, labs, students & instructors (FY21)



Networked ship training content via STAVE-NET and Total Ship Training Capability (TSTC)



Authoritative, Mobile & Interactive Preventive & Corrective Maintenance Tools

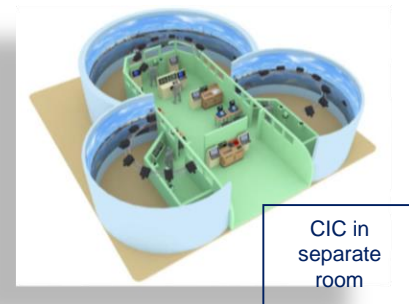
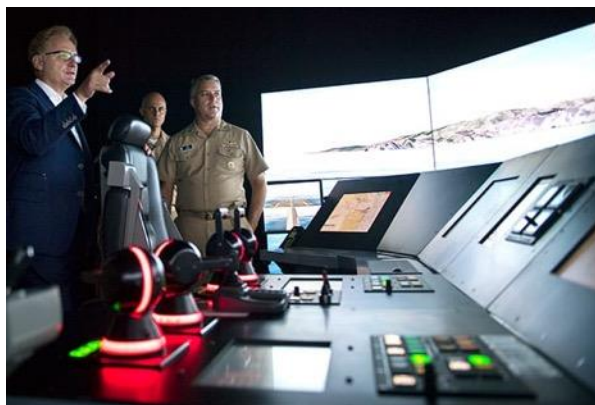
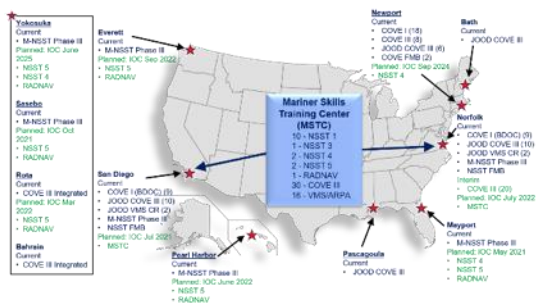


Aligned Shore / Individual Training & In-Service Engineering Agent Support

STAVE has modernized or is programmed to modernize ~70% of the 850 surface courses of instruction training ~66% of all afloat billets. Remainder in future POMs

Mariner Skills Training Program (MSTP)

- **Mariner Skills Training Centers (MSTC) – in Norfolk and San Diego**
 - Consolidate all surface mariner skills training at SWOS
- **Field new surface warfare officer mariner skills training**
 - OOD Phase 1/2 by 2021 (San Diego) / 2022 (Norfolk)
 - JOOD Course interim training completed 31 May 2019
- **Relocate/Expand BDOC**
 - To address accession increases and the “Summer Surge” in 2021
- **Field new Integrated Navigation Seamanship and Ship-handling Trainer (I-NSST) facilities in Norfolk and San Diego MSTCs and Fleet Concentration Areas (2021 - 2025)**



A Holistic Career Training Path To Enhance Overall Mariner Skills

Mariner Skills Training Program Laydown

Yokosuka
Current
• M-NSST Phase III
Planned: IOC JUN 2025
• NSST 5
• NSST 4
• RADNAV
• Temp Facility for NSST 5 and RADNAV planned
IOC: MAR 22

Sasebo
Current
• M-NSST Phase III
Planned: IOC OCT 2021
• NSST 5
• RADNAV

Rota
Current
• COVE III Integrated
Planned: IOC OCT 2022
• NSST 5
• RADNAV

Bahrain
Current
• COVE III Integrated

Everett
Current
• M-NSST Phase III
Planned: IOC Sep 2022
• NSST 5
• RADNAV

San Diego
Current
• COVE I (BDOC) (9)
• JOOD COVE III (10)
• JOOD VMS CR (2)
• M-NSST Phase III
• NSST FMB
Planned: IOC MAY 2021
• MSTC

Pearl Harbor
Current
• M-NSST Phase III
Planned: IOC JUN 2022
• NSST 5
• RADNAV

Mariner Skills Training Center (MSTC)

10 - NSST 1
1 - NSST 3
2 - NSST 4
2 - NSST 5
1 - RADNAV
30 - COVE III
16 - VMS/ARPA

Newport

Current
• COVE I (18)
• COVE III (8)
• JOOD COVE III (6)
• COVE FMB (2)
Planned: IOC SEP 2024
• NSST 4

Bath

Current
• JOOD COVE III

Norfolk

Current
• COVE I (BDOC) (9)
• JOOD COVE III (10)
• JOOD VMS CR (2)
• M-NSST Phase III
• NSST FMB
Interim
• COVE III (20)
Planned: IOC JUL 2022
• MSTC

Mayport

Current
• M-NSST Phase III
Planned: IOC MAY 2021
• NSST 4
• NSST 5
• RADNAV

Pascagoula

Current
• JOOD COVE III

Acquisition Agent: PMS 339

*Does not include LCS or DDG 1000 Bridge

NAWCTSD

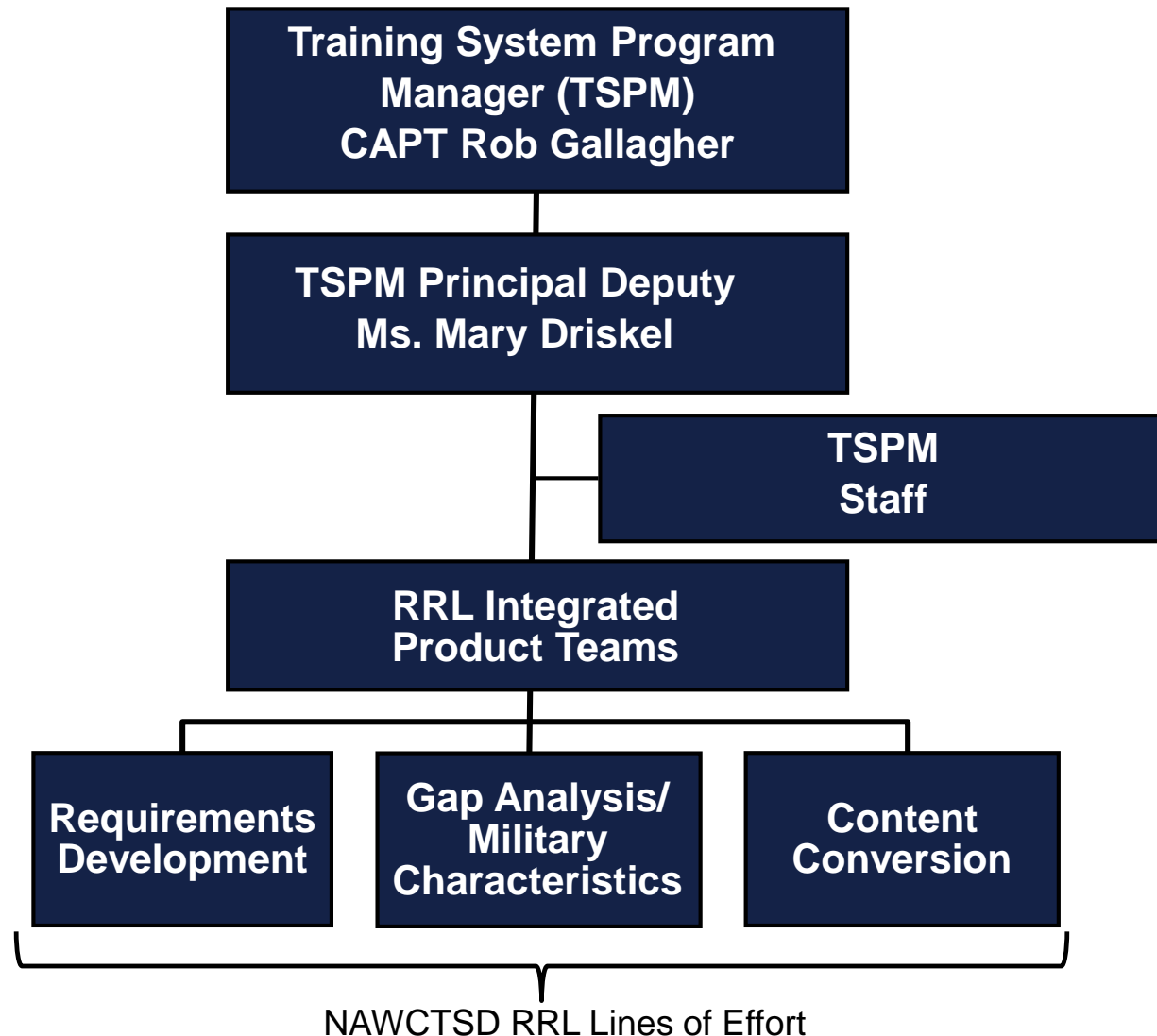


CAPT Robert Gallagher

Ready Relevant Learning Training System Program Manager



Ready Relevant Learning TSPM







Sailor 2025 - CTM Content Conversion

Description/Summary of Program Requirements

This acquisition is for the conversion of the content and media for the current delivery state of the Cryptologic Technician Maintenance (CTM) rating. The Government will also include Train-The-Trainer (TTT) and Pilot training activities.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source 8(a) Tribally-Owned Corporation (TBD)	2 Years	<div>Jun 21  RFP Release</div> <div>Sep 21  Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: CAPT Robert Gallagher Organization: RRL TSPM Phone: 407-380-8311 Email: robert.m.gallagher@navy.mil	\$8M	N/A



Sailor 2025 RRL - FY22 Content Conversion

Description/Summary of Program Requirements

This acquisition is for the conversion of the content and media for the current delivery state of the Fire Controlman Aegis (FCA), Gunners Mate (GM), Fire Controlman (FC), Interior Communications Electrician (IC), Torpedoman's Mate (TM), Machinist's Mate (MMA), Construction Mechanic (CM), Aviation Ordnanceman (AO), and Aviation Support Equipment Technician (AS) ratings. The Government will also include Train-The-Trainer (TTT) and Pilot training activities through a Single-Award, Indefinite Delivery / Indefinite Quantity (IDIQ) Contract.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Full and Open Competitive Single-Award, IDIQ	5 Year POP 2 Year ordering period	Jun 21  RFP Release 2nd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: CAPT Robert Gallagher Organization: RRL TSPM Phone: 407-380-8311 Email: robert.m.gallagher@navy.mil	\$220M	N/A



Sailor 2025 RRL - FY23 Content Conversion

Description/Summary of Program Requirements

This acquisition is for the conversion of the content and media for the current delivery state additional enlisted ratings. The Government will also include Train-The-Trainer (TTT) and Pilot training activities through a Single-Award, Indefinite Delivery / Indefinite Quantity (IDIQ) Contract.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full and Open Competitive Single-Award, IDIQ	5 Year POP 2 Year Ordering Period	2nd Qtr FY22  RFP Release	2nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Robert Gallagher Organization: RRL TSPM Phone: 407-380-8311 Email: robert.m.gallagher@navy.mil	\$200M	N/A	



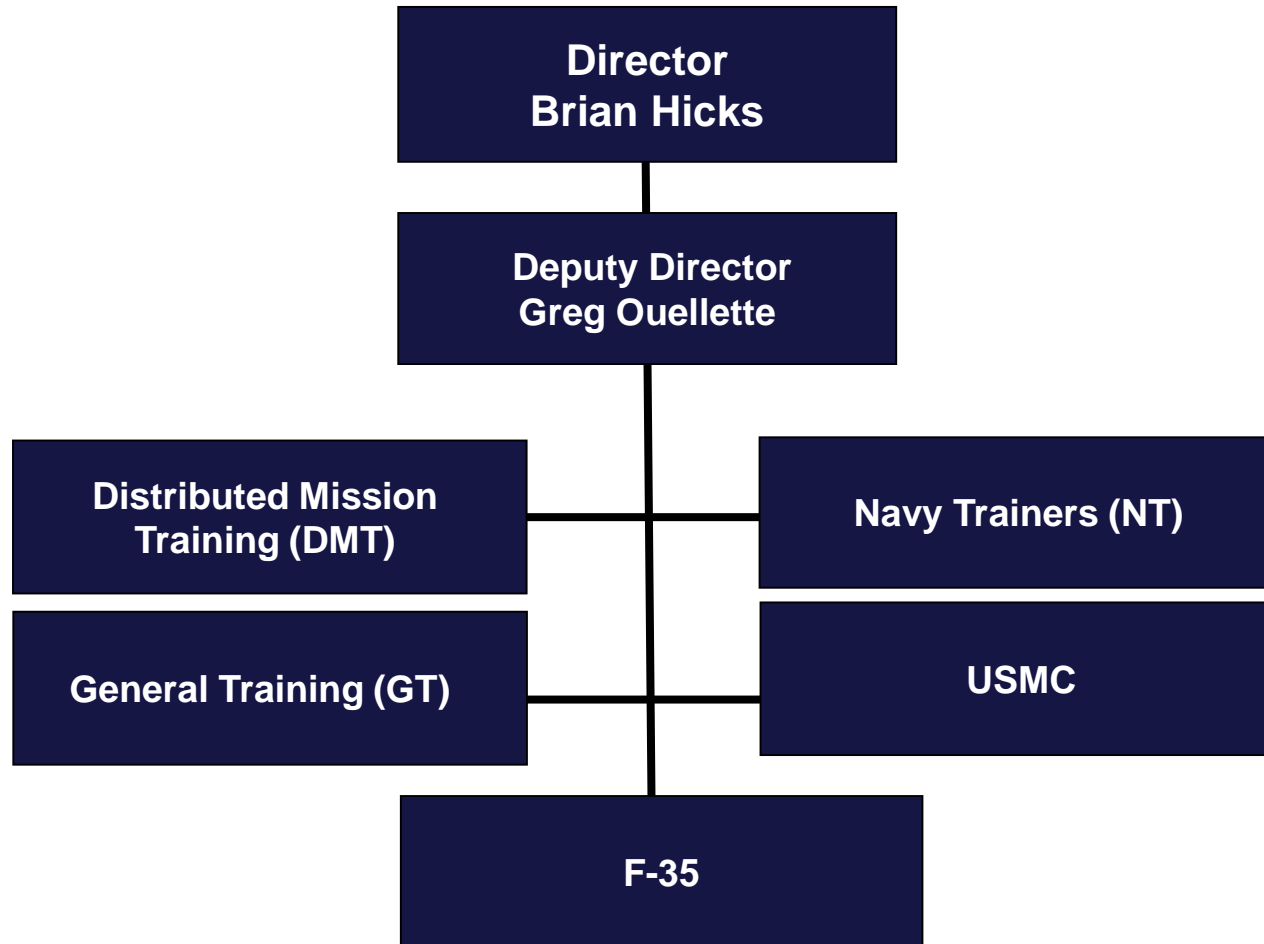
Brian Hicks

Director, Aviation Programs





Aviation Programs Organization





Navy Training Systems







Aviation Courseware Development

Description/Summary of Program Requirements

Numerous aviation platforms in-production and in sustainment require revision, update and/or new development of Organizational and Intermediate maintenance (Chief of Naval Air Technical Training Unit - NATTU) and operator (Pilot-AW FRS/Weapon School) courseware training materials. Includes FLASH courseware conversion.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Competitive IDIQ - Small Business Set Aside	5 Years	Jun 2021  RFP Release	Dec 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$60M	Carley Corporation	



P-8A Training Systems Block 3 Maintenance Retrofits

Description/Summary of Program Requirements

Simulator update to devices (Virtual Mission Training System - VMTS, IASC, SEE) and incorporate IETMS and sync to current publication at time of Post Award Conference.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	2 Years	Sep 2019  RFP Release	Jul 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$14M	Boeing	



P-8A Training Systems Increment 3 Aircrew Retrofits

Description/Summary of Program Requirements

Simulator concurrency updates to devices (OFT, WTT, PTT, TSSC) and incorporation of Increment 3 Block 2 aircraft Engineering Changes Orders. Updates include: a new computing and security Applications Based Architecture (ABA), a Higher-Than-Secret (HTS) architecture, an improved Track Management Subsystem (TMS) called Minotaur, Acoustics, Multi-Static Active Coherent Enhancements (MAC-E), Wideband Beyond Line of Sight Satellite Communication (WB SATCOM) and Anti-Submarine Warfare Signals Intelligence (ASW SIGINT) changes. Capabilities will be delivered as hardware and software retrofits for the USN and RAAF Aircrew Training Devices (ATD) to meet P-8A Inc3Blk 2 Fleet Release (FR) 300 and FR310 training requirements.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	4 Years	Jun 2020  RFP Release	2 nd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$120M	Boeing	



P-8A Technology Refresh

Description/Summary of Program Requirements

Hardware obsolescence technology refresh to all training devices (OFT, WTT, PTT, TSSC, Maintenance Trainers).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 Years	Sep 2021  RFP Release 1 st Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$100M	Boeing



MH-60R/S System Configuration and Air Wing Integration (SCAI)

Description/Summary of Program Requirements

Simulator and Electronic Classroom computer resource update to the MH-60R/S operational flight trainers (OFT, WTT, AVET/NATS). Incorporate trainer unique Engineering Changes Orders and deficiency corrections. Improve cyber security posture of MH-60R/S training systems. Implement latest Coordinated Distributed Mission Package and Distributed Mission Training requirements. Integrate AVET/NATS devices with OFTs. Provide model fidelity enhancements for existing and future capabilities. Procure MH-60R TOFT for forward-deployed forces. Procure MH-60 Mission Rehearsal Trainer (MRT) for the NAS Fallon Integrated Training Facility (ITF).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Competitive IDIQ – Small Business Set Aside	6 Years	June 2022  RFP Release	2 nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$100M	CAE/JF Taylor/BSC	



F/A-18E/F & EA-18G H18 Configuration Set/Operational Flight Program (SCS/OFP)

Description/Summary of Program Requirements

The H18 Software Configuration Set/Operational Flight Program (SCS/OFP) program will update the F/A-18E/F & EA-18G TOFT software to be concurrent with the fielded aircraft.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	3 Years	<div>Oct 2020</div> <div> RFP Release</div> <div>Sep 2021</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$24M	Boeing



F/A-18C/D Tactical Operational Flight Trainer (TOFT) Upgrade

Description/Summary of Program Requirements

Upgrade the F/A-18 C/D TOFTs to include installation of new Image Generator, enhanced World Wide Visual data Base (HD-World) and select fidelity improvements.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	Mar 2021  RFP Release	TBD  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$13M	L3	



F/A-18E/F Tactical Operational Flight Trainer (TOFT) Block III Upgrade

Description/Summary of Program Requirements

Upgrade the F/A-18E/F TOFTs to the Block III Configuration.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	TBD	Apr 2021  RFP Release	Jun 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$43M	Boeing/L3	



F/A-18E/F/G Maintenance Training System Tech Refresh

Description/Summary of Program Requirements

Hardware obsolescence technology refresh to F-18E/F Maintenance Trainer System devices.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	Jun 2021  RFP Release	Dec 2022  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$12M	Boeing	



F/A-18C/D Simulated Aircraft Maintenance Trainer (SAMT) Upgrade

Description/Summary of Program Requirements

Upgrade the F/A-18C/D Simulated Aircraft Maintenance Trainer (SAMT) to SCS/OFP 31C and corresponding maintenance courseware upgrades.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV	3 Years	Sep 2021  RFP Release	Mar 2022  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$8M	American Systems Corporation (ASC) Is OEM, JF Taylor did last upgrade to 23X. Courseware upgrades by DP Associates.	



F/A-18E/F/G Technology Refresh

Description/Summary of Program Requirements

Hardware obsolescence technology refresh to all devices (TOFT, LCT and Maintenance Trainers).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	Oct 2021  RFP Release	1 st Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$25M	Boeing/L3	



F/A-18E/F & EA-18G H2O Configuration Set/Operational Flight Program (SCS/OFP)

Description/Summary of Program Requirements

The H2O Software Configuration Set/Operational Flight Program (SCS/OFP) program will update the F/A-18E/F & EA-18G TOFT software to be concurrent with the fielded aircraft.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	2 nd Qtr FY23  RFP Release	4 th Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$24M	Boeing	



F/A-18E/F Tactical Operational Flight Trainer (TOFT) Block III Upgrade (MOD KIT Effort)

Description/Summary of Program Requirements

Upgrade the F/A-18E/F TOFTs to the Block III Configuration (Mod Kit Effort).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	TBD	<div>TBD</div> <div></div> <div>RFP Release</div> <div>TBD</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$6M (Per TOFT)	Boeing/L3



EA-18G Tactical Operational Flight Trainer (TOFT) Block II Upgrade

Description/Summary of Program Requirements

Upgrade the EA-18G TOFTs to the Block II Configuration.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	TBD	<div>TBD</div> <div></div> <div>RFP Release</div> <div>TBD</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	TBD	Boeing



E-2D Hawkeye Integrated Training System (HITS) IV

Description/Summary of Program Requirements

Develop and Integrate E-2D DSSC-4 capability in the HITS (WST's, DDRT's, SMT's, PPC and Instructional Systems) for Norfolk, Pt Mugu and Iwakuni. Build and integrate into new LP-49 Annex building (FY24) WST #6. Develop and provide technical evaluation for application of DSSC-5 for future contract actions. Develop DSSC-5 capability in appropriate system integrated lab environment for all applicable HITS Devices. Transition program post DSSC-4 to 'Program Level' development and integration environment.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 Years	Nov 2020  RFP Release	June 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$390M	Collins Aerospace	



CNATRA T-45C VMTS Aircraft & Simulator Alignment

Description/Summary of Program Requirements

Significant differences exist between T-45C Virtual Mission Training System (VMTS) aircraft & Operational Flight Trainer (OFT), with training disparity inhibiting Student Naval Flight Officers (SNFOs) from developing skill patterns required to meet Course Training Standards. Deliver corrected simulated radar displays, linked OFTs, debrief stations, and Part Task Trainers (PTTs) to meet syllabus radar task learning objectives. PTT must accurately replicate the capability and operations of the simulated radar currently utilized in the OFT. Provide aircraft concurrency updates to six T-45C VMTS OFTs and radar PTTs located at Naval Air Station Pensacola FL.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	4 Years	Nov 2020  RFP Release	Sep 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$34M	Boeing	



CNATRA Multi Crew Simulator (MCS) Block 2 Modernization

Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for Naval Flight Officer (NFO) Multi Crew Simulator (MCS). Replace obsolete components in two (2) devices located at Naval Air Station Pensacola FL. Capability improvements include improved Radio and Internal Communication System (ICS) select-ability options to facilitate Multi-Crew operations. Redesign and replace obsolete components. Migrate from WIN7 to WIN10 Operating System (OS).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	Sep 2021  RFP Release	Mar 2022  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$7.5M	CAE	



F-16 Technology Refresh

Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for F-16 Operational Flight Trainer (OFT) device. Redesign and replace obsolete and noncompliant computation machines and components, and correct performance deficiencies.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV	2 Years	TBD  RFP Release	TBD  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$7M	N/A	



F-5 Technology Refresh

Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for F-5 Operational Flight Trainer (OFT) device. Redesign and replace obsolete and noncompliant computation machines and components, and correct performance deficiencies.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV	2 Years	TBD  RFP Release	TBD  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$7M	N/A	



MQ-8 Technology Refresh

Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for MQ-8C Mission Control Station and Maintenance Trainers in preparation for expanded payloads and insure Mission Systems Trainers are in compliance with Cybersecurity, Interoperability and Distributed Training requirements.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	5 Years	4 th Qtr FY23  RFP Release	2 rd Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$25M	MFS	



Marine Corps Training Systems







AV-8B Weapons System Trainer (WST) / Deployable Mission Rehearsal Trainer (DMRT) Operational Flight Program Upgrade

Description/Summary of Program Requirements

Assess and implement OFP Upgrades (H6.2, H7.0, H7.1) into WST and DMRT Trainers to reflect concurrent OFP/operational capabilities with AV-8B Aircraft.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV - Small Business set-aside	2 Years	Nov 2020  RFP Release	Jun 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$7.5M	LSI	



AV-8B Maintenance Trainer Technology Refresh

Description/Summary of Program Requirements

Conduct a Technology Refresh to AV-8B Avionics, Electrical, Armament, Power Plant, Flight Controls, and Landing Gear Maintenance Trainers located at MCAS Cherry Point, NC.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV - Small Business set-aside	2 Years	Jan 2021  RFP Release	Jul 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$3.7M	CymSTAR (Previous Mod Contractor)	



USMC Aviation Distributed Virtual Training Environment (ADVTE) Technical Upgrades and Completion

Description/Summary of Program Requirements

Implement ADVTE at 1st and 4th Marine Aircraft Wing (MAW) Marine Aviation Training System Sites. Effort will also include improvements to existing 2nd and 3rd MAW ADVTE equipment and capability. Includes modernization of the currently fielded ADVTE equipment including Network Exercise Control Centers (NECC), and other “System-of-System” improvements to increase Virtual and Constructive training capability, and increase the number of systems that can connect to conduct distributed mission training capability across USMC ATS training sites.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
New Contract, Unrestricted Competitive	4.5 Years	<div>Feb 2021</div> <div> RFP Release</div> <div>Aug 2021</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$40M	Veraxx Engineering Corp. (Original Developer)



USMC Tactical Environment Limited Response Modification

Description/Summary of Program Requirements

Implement limited improvements to the USMC TEn to address emergent AV-8B and H-1 platform training requirements.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	2.5 Years	Apr 2021  RFP Release	Aug 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$800K	Veraxx Engineering Corp. (Original Developer)	



CH-53E Modernization Program

Description/Summary of Program Requirements

Modernization of three (3) CH-53E Training Devices: Weapons System Trainer (WST) 2F174-2 (MCAS Miramar, CA); APT 2F190-2 (MCAS Miramar, CA); and Flight Training Device (FTD) 2F239(JRB MDL, NJ).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
TSC IV - Small Business set-aside	3 Years	<div>Jun 2021</div> <div></div> <div>RFP Release</div> <div>Nov 2021</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$13M	



KC-130J WST, Fuselage Trainer & Observer Training Aid Procurement

Description/Summary of Program Requirements

Procurement of KC-130J Weapons System Trainers (WST), Fuselage Trainer, and Observer Training Aid.

Planned contracting approach is to use a follow on Air Force contract to the C/KC/AC/HC-130 Maintenance and Aircrew Training System (JMATS) awarding in FY21. This contract will be managed by the USAF Simulator Program Office and has been used successfully for USMC KC-130J Training device procurements.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source, FFP New Contract at the SPO Wright Patterson AFB	3 Years	<div>Jul 2021 △ RFP Release</div> <div>Mar 2022 △ Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$56M	Lockheed Martin



USMC Tactical Environment Technical Upgrades and Completion (TEn) (TUC)

Description/Summary of Program Requirements

Implement improvements and complete the USMC TEEn to connect and implement/integrate/deliver a common TEEn software and hardware baseline across all MC ATS (1st, 2nd, 3rd, and 4th Marine Aircraft Wing (MAW)) Marine Aviation Training System Sites (MATSS).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	4.5 Years	Jul 2021  RFP Release	Nov 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$30M	Veraxx Engineering Corp. (Original Developer)	





MV-22 Aircrew Training Device Modernization Effort

Description/Summary of Program Requirements

Upgrade/retrofit Aircraft Tactical Software Suite (TSS - equivalent to OFP) in MV-22 and CMV-22 aircrew training devices as updates are released in FY22, FY24, and FY26 (29 Devices)

Modernize all MV-22 flight training devices in FY24, FY25, FY26, FY27 and FY28 with most current COTS industry technology (23 Devices)



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
TSC IV - Small Business set-aside	5 Years	<div>Aug 2021</div> <div></div> <div>RFP Release</div> <div>Feb 2022</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$90M	Bell-Boeing JPO



AV-8B Deployable Mission Rehearsal Trainer (DMRT) Baseline Configuration Upgrade (BCU)

Description/Summary of Program Requirements

Modernization of eight (8) DMRTs at MCAS Cherry Point, NC. Effort includes: Upgrade of computational systems to ensure the ability for future upgrades as applicable. Implement the Marine Corps Aviation Common Visual Database. Include the capability to replicate flight behaviors of enemy threat to include aircraft radar and missile emissions, Implement Stability Augmentation and Attitude Hold System (SAAHS), Implement simulated radios, Integrate an interoperable solution, compatible with AV-8B Weapon System Trainers.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV	2 Years	Oct 2021  RFP Release	Apr 2022  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$7M	LSI, Inc. (OEM)	



C/KC-130T T-56 Series 3.5 Engine Upgrade Training

Description/Summary of Program Requirements

Current C/KC-130T Legacy Simulators in Ft Worth (2F152/2F107/2F176) will require engine performance model updates and aero model updates that reflect new performance parameters of the C/KC-130T aircraft following the T-56 series 3 mod. Additionally, maintenance training devices and aircrew and maintenance courseware updates will be required.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
TSC IV	24 Months	<div>Mar 2022</div> <div> RFP Release</div> <div>Oct 2022</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	\$4.5M	J.F. Taylor Inc.

NAWCTSD

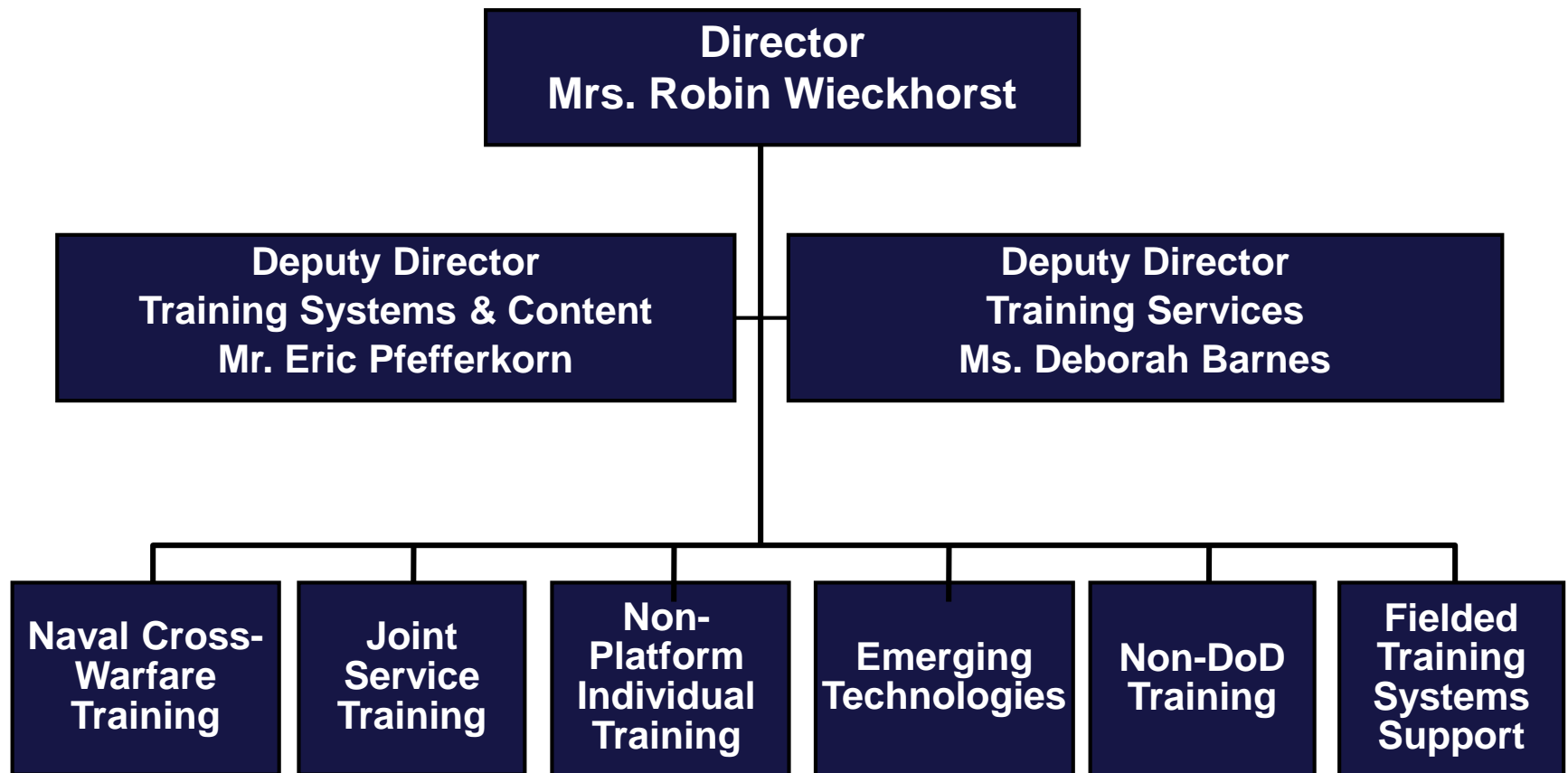


Robin Wieckhorst

Director, Cross-Warfare Programs



Cross-Warfare Programs Organization







Defense Healthcare Agency (DHA) Total Learning Architecture (TLA)

Description/Summary of Program Requirements

Provides Systems Engineering analysis and design specifications for the Defense Health Agency's (DHA) Total Learning Architecture (TLA). This effort addresses the Military Health System's (MHS) need for an infrastructure to support lifelong, data driven training that is tailored to the individual.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source 8(a) NAC ID/IQ	5 Years	Jul 2021  RFP Release	4 th Qtr FY21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$34M	N/A	



NAWCTSD Product Line Management (PLM)

Description/Summary of Program Requirements

Cross-platform contract supporting multiple U.S. Navy programs to stand up/refresh U.S. Navy IT systems (e.g. classrooms, labs, part-task trainers, etc.) while maximizing the re-use of an Information Technology (IT) common hardware baseline. Support will include procure hardware from a common IT baseline, install software (including OSs), integrate IT systems, test, and deliver fully functional IT systems.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA ID/IQ TBD	5 Years	4 th Qtr FY22  RFP Release	4 th Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	TBD	Bowhead	



Cargo Offload Discharge System (COLDS)

Description/Summary of Program Requirements

Provides contractor operation, maintenance and instruction for Improved Navy Lighterage System (INLS) craft. The contractor provides classroom and at-sea, high risk instruction and maintenance for the INLS operational craft.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 Years	2 nd Qtr FY23  RFP Release	1 st Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$23M	Pacific Architects and Engineers (PAE)	



Live, Virtual, Constructive (LVC) Integrated Training Systems (ITS)

Description/Summary of Program Requirements

Design, development, integration, test, delivery, and sustainment support for LVC training systems, to include installation support at various locations. The development of new training systems and upgrades to existing training systems may include training for individual, team, and/or multi-team training requirements.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full and Open Competitive	5 Years	1 st Qtr FY24  RFP Release	2 nd Qtr FY25  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$50M	Alion	



Battle Stations 21 Sustainment

Description/Summary of Program Requirements

Battle Stations 21 is the capstone event for every Navy Recruit that tests firefighting, basic damage control, flooding, and mass casualty operations based off of actual Navy events; all while immersed in high tech sights, sounds and smells. This acquisition will provide support of the Life Cycle Sustainment Plan (LCSP), including procurement, configuration, testing, installation, and integration for BST-21 located at the Recruit Training Center, Great Lakes, IL.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA ID/IQ TBD	5 Years	1 st Qtr FY25  RFP Release	3 rd Qtr FY25  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$50M	Kupono	



Naval Facilities Command (NAVFAC) Courseware Modernization

Description/Summary of Program Requirements

Courseware analysis, design, and development for various NAVFAC courses (e.g. Inventory, Asset Management, Planning, Disposal). Gap analysis, curriculum revision, and Flash to HTML5 conversion for existing courses.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source 8(a) NAC ID/IQ	5 Years	TBD  RFP Release	TBD  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$5M	N/A	



Contractor Instructional Services, Atlantic (CISLANT)

Description/Summary of Program Requirements

Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) to support training devices and requirements at NS Norfolk, VA, NAS Jacksonville, FL, NS Mayport, FL, and NAS Oceana, VA. Support may include: E-2C/D, MH-53E, H-60, F/A-18, P-3, P-8, MQ-4, and MQ-8.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS IV Competitive	5 Years	Jan 2021  RFP Release	Jul 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$90M	LB&B	



F/A-18 COMS/CIS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) and Pacific (CNAP), and Center for Naval Air Technical Training (CNATT) for F/A-18 and EA-18G training at NAS Oceana, VA, MCAS Beaufort, SC, MCAS Miramar, CA, NAS Lemoore, CA, NAS Whidbey Island, WA, and MCAS Iwakuni, Japan.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
FTSS IV Competitive	5 Years	Feb 2021  RFP Release 30 Jun 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$107M	Valiant Integrated Services



CNATRA COMS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) on behalf of Chief of Naval Air Training (CNATRA) simulators and other training devices. These devices are on site in government facilities at the following locations: NAS Meridian, MS – Training Air Wing ONE, NAS Kingsville, TX – Training Air Wing TWO, NAS Corpus Christi, TX – Training Air Wing FOUR, NAS Whiting Field, Milton, FL – Training Air Wing FIVE, and NAS Pensacola, FL – Training Air Wing SIX.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
FTSS IV Competitive	5 Years	<div>Jul 2021</div> <div></div> <div>RFP Release</div> <div>1st Qtr FY22</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$40M	Fidelity Technologies, Inc.



Fielded Training Systems Support (FTSS) V

Description/Summary of Program Requirements

Multiple Award Contract (MAC) vehicle to provide task orders for Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) and associated services for USN/USMC units. Covers recurring FTSS sustainment requirements for primarily COMS and CIS. Ancillary FTSS services include but are not limited to: training device relocations, training systems management, minor modification support, and in-service engineering support. Supports aviation and non-aviation customers.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
MAC with Unrestricted Lot 1 and a SBSA Lot 2 Competitive	5 Year base plus 3 1-Year Options	Aug 2021  RFP Release 2 nd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$1B ceiling	Multiple: 9 FTSS IV Lot I MAC contractors



Maritime COMS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) and Pacific (CNAP), and Center for Naval Air Technical Training (CNATT) to support P-3C, EP-3E, MQ-4 and P-8A training devices and requirements at NAS Jacksonville, FL and NAS Whidbey Island, WA.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS IV Competitive	5 Years	1 st Qtr FY22  RFP Release	3 rd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$80M	LB&B	



Software Maintenance of Fielded Training Systems (SWMFTS)

Description/Summary of Program Requirements

NAWCTSD requires Contractor Support Services (CSS) for In-Service Engineering Office Support. The CSS requirements are for temporary augmentation of the NAWCTSD work force.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD Competitive	5 Years	2 nd Qtr FY22  RFP Release	4 th Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$60M	DKW Communications, Inc.	



Naval Aviation Technical Training Center (NATTC) COMS/CIS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of Center for Naval Aviation Technical Training (CNATT) to support Naval Aviation Technical Training Center (NATTC) training devices and requirements at NAS Pensacola, FL and Joint Base Maguire/Dix/Lakehurst, NJ.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS V, Lot 2 SBSA Competitive	5 Years	3 rd Qtr FY22  RFP Release	1 st Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$16M	Engineering Support Personnel (ESP)	



Chief of Naval Air Training (CNATRA) CIS

Description/Summary of Program Requirements

Contractor Instructional Services (CIS) to be performed in support of Chief of Naval Air Training (CNATRA) student throughput requirements. These services are performed on site in government facilities at the following locations: NAS Meridian, MS – Training Air Wing ONE, NAS Kingsville, TX – Training Air Wing TWO, NAS Corpus Christi, TX – Training Air Wing FOUR, NAS Whiting Field, Milton, FL – Training Air Wing FIVE, and NAS Pensacola, FL – Training Air Wing SIX.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS V, Lot 1 Competitive	5 Years	4 th Qtr FY22  RFP Release	1 st Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$140M	CAE	



Centrifuge-Based Environment Training (CFET)

Description/Summary of Program Requirements

Chief of Naval Air Training Command (CNATRA) requires technical and scientific knowledge and the facilities and equipment required to provide both classroom-based instruction on acceleration physiology and dynamic laboratory based aircrew centrifuge training.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD Competitive	5 Years	4 th Qtr FY22  RFP Release	2 nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4215 Email: robin.wieckhorst@navy.mil	\$4M	KBR/Wyle	



Western Pacific (WESTPAC) COMS/CIS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) on behalf of Commander, Naval Air Forces Pacific (CNAF) to support F/A-18, KC-130J, MV-22B, E-2D, H-60, H-53, H-1, and P-3 training devices and requirements at Okinawa, Atsugi, Kadena, and at MCB Kaneohe, Hawaii.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS V, Lot 1 Competitive	5 Years	4 th Qtr FY22  RFP Release	2 nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$15M	Engineering Support Personnel (ESP)	



RESFOR COMS/CIS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) on behalf of Commander, Naval Air Forces Reserves to support training devices and requirements for the Reserves at Joint Base Maguire/Dix/Lakehurst, NJ; NAS JRB Fort Worth, TX; NAS Key West, FL; NAS Fallon, NV; NS Norfolk, VA; NAS New Orleans and Contractor Instructional Services (CIS) at NAS JRB Fort Worth, TX.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS V, Lot 2 SBSA Competitive	5 Years	1 st Qtr FY23  RFP Release	3 rd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$24M	Engineering Support Personnel	



Firefighter Training Structures and Props (FTSP)

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) on behalf of Commander, Naval Installations Command (CNIC), Center for Naval Air Technical Training (CNATT), and USMC installations to support firefighter trainer structures and props/training devices at various locations worldwide (USN and USMC bases).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA Competitive	5 Years	2 nd Qtr FY23  RFP Release	4 th Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$5M	Kirila Fire Training JV	



Navy Helo COMS/CIS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) and Pacific (CNAP), and Center for Naval Air Technical Training (CNATT) to support H-60S/R, MQ-8B, MH-53E, VH-60, VH-3, VH-92, and V-22 training devices and requirements at NAS North Island, CA, NS Norfolk, VA, NS Mayport, FL, MCB Quantico, VA. Top Secret Facility Clearance required at proposal due date.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS V, Lot I Competitive	5 Years	3 rd Qtr FY23  RFP Release	2 nd Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$85M	Fidelity Technologies, Inc.	



Diversified Aircrew Readiness Training System (DARTS) and All-Sensor Advanced Analysis Training (AAAT) CIS

Description/Summary of Program Requirements

Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) and Pacific (CNAP) to support P-3C, EP-3E and P-8A training requirements at NAS Jacksonville, FL and NAS Whidbey Island, WA and to support H-60S/R training requirements at NAS Mayport, FL. Includes classroom and on-trainer instruction, operation, curriculum support, courseware development, revision and maintenance for sensor-related skills. Top Secret Facility Clearance required at proposal due date.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS V, Lot 2 SBSA Competitive	5 Years	1 st Qtr FY24  RFP Release	3 rd Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$15M	Valiant Global Defense	



E-6B COMS/CIS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS), Contractor Instructional Services (CIS), and Quick Response Modifications (QRM) on behalf of Commander, Naval Air Force, U.S. Pacific Fleet (CNAP) to support E-6B training devices and requirements at Tinker AFB, OK.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS V, Lot I Competitive	5 Years	2 nd Qtr FY24  RFP Release	4 th Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$20M	Fidelity Technologies, Inc.	



E-2 COMS/CIS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) and Commander, Naval Air Forces Pacific (CNAF) to support E-2C/D training requirements at NS Norfolk, VA and Point Mugu, CA.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS V Competitive	5 Years	3 rd Qtr FY24  RFP Release	1 st Qtr FY25  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$20M	Engineering Support Personnel (ESP)	



Naval Introductory Flight Evaluation (NIFE)

Description/Summary of Program Requirements

Chief of Naval Air Training Command (CNATRA) requires contractor services, supplies and tasks for the operation and support of the United States Navy (USN) Naval Introductory Flight Evaluation (NIFE) program. NIFE training will be conducted in the NAS Pensacola, FL area.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA Competitive	5 Years	3 rd Qtr FY24  RFP Release	2 nd Qtr FY25  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$21M	Skywarrior	



Naval Aviation Survival Training Program (NASTP) COMS

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) on behalf of Commander, Bureau of Medicine (BUMED) to support Naval Aviation Survival Training Program (NASTP) training devices and requirements at NAS Jacksonville, FL, NS Norfolk, VA and MCAS Cherry Point, NC.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS V, Lot 2 SBSA Competitive	5 Years	4 th Qtr FY24  RFP Release	2 nd Qtr FY25  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$5M	Aviation Training Consulting (ATC)	



Pilot & Aircrew Courseware Revision and Maintenance (PACRM)

Description/Summary of Program Requirements

Indefinite Delivery/Indefinite Quantity (IDIQ) Multiple Award Contract (MAC) with Firm-fixed-price (FFP) and Cost-plus-fixed-fee (CPFF) components to support of ongoing requirement to procure Pilot and Aircrew Courseware Revision and Maintenance (R&M) services for Navy and Marine Corps' Training Programs.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA MAC ID/IQ Competitive	5 Year Base with two 1 Year options	Sep 2020  RFP Release	Jun 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$90M ceiling	N/A	



Pilot and Aircrew Courseware R&M E-2 / C-2 / Landing Signal Officer

Description/Summary of Program Requirements

Revision and Maintenance (R&M) of E-2, C-2, and Landing Signal Officer (LSO) Fleet Readiness Squadron (FRS) and Weapons School Pilot and Aircrew courseware, located at NAS Oceana, VA and NS Norfolk, VA.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
PACRM MAC Competitive	5 Years	Sep 2020  RFP Release	Jun 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$5M	Crew Training International, Inc (CTI)	



Pilot and Aircrew Courseware R&M USN /USMC

Description/Summary of Program Requirements

Revision and Maintenance (R&M) of curriculum, to include support of Electronic Classrooms (ECR), Learning Resource Centers (LRC), network systems, and Foreign Military Sales (FMS) in support of USN / USMC training located at MCAS Cherry Point, NC (VMAT-203, VMU FRD, KC-130 FRD), MCAS New River, Jacksonville, NC, (HMHT-302), NS Norfolk, VA (HM-12, HSCWSL), MCAS Camp Pendleton, CA (HMLAT-303), MCAS Beaufort, SC (MATSS) and MCAS Miramar, CA (MATSS).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
PACRM MAC Competitive	5 Years	Aug 2021  RFP Release 2 nd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$12M	Crew Training International, Inc (CTI)



Pilot and Aircrew Courseware R&M Maritime

Description/Summary of Program Requirements

Revision and Maintenance (R&M) of curriculum, to include support of Electronic Classrooms (ECR), Learning Resource Centers (LRC), network systems, Foreign Military Sales (FMS) and Cooperative Projects in support of Maritime Patrol and Reconnaissance Aircrew Training Programs located at NAS Jacksonville, FL. Patrol Squadron Thirty (VP-30) and Maritime Patrol and Reconnaissance Weapons School (MPRWS).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
PACRM MAC Competitive	5 Years	4 th Qtr FY22  RFP Release	1 st Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$10M	A. Harold and Associates, AHA	



Pilot and Aircrew Courseware R&M Strike Fighter/Electronic Warfare

Description/Summary of Program Requirements

Revision and Maintenance (R&M) of F/A-18, E/A-18G, EP-3, E-6B Fleet Replacement Squadron (FRS), and Weapons Schools, Pilot and Aircrew Training System courseware, located at Naval Air Station (NAS) Oceana, VA, NAS Lemoore, CA, NAS Whidbey Island, WA, and Tinker Air Force Base (AFB), OK.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
PACRM MAC Competitive	5 Years	4 th Qtr FY22  RFP Release	2 nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$9M	Crew Training International, Inc. (CTI)	



Pilot and Aircrew Courseware R&M Navy Helo

Description/Summary of Program Requirements

Revision and Maintenance (R&M) of MH-60S, MH60-R, and MQ-8 Fleet Replacement Squadron (FRS) Pilot and Aircrew Training programs located at NAS North Island, CA, NS Mayport FL and NS Norfolk VA.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
PACRM MAC Competitive	5 Years	4 th Qtr FY24  RFP Release	2 nd Qtr FY25  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$11M	Crew Training International, Inc. (CTI)	



Command Aircraft Crew Training (CACT) C-40A Pilot

Description/Summary of Program Requirements

Labor, equipment, training facilities, supervision and other services necessary for training pilots and crew chiefs for the C-40A (a Navy configured Boeing 737-700C Increased Gross Weight [IGW]) aircraft. This contract supports training for various commands.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA Competitive	5 Years	Jun 2021  RFP Release	Nov 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$14M	Crew Training International, Inc. (CTI)	



Command Aircraft Crew Training (CACT) C-20G

Description/Summary of Program Requirements

Labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy's C-20 G (a USMC configured Gulfstream IV) aircraft. This contract supports training for the United States Marine Corps Forces Pacific (MARFORPAC).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full and Open Competitive	5 years	3 rd Qtr FY23  RFP Release	4 th Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$2M	Flight Safety International	



Command Aircraft Crew Training (CACT) UC-12

Description/Summary of Program Requirements

Labor, equipment, supervision and other services, necessary to provide pilot training for the USN and USMC UC-12B/F/M non-ProLine and UC-12F/M ProLine 21 aircraft (a Navy configured Raytheon/Beechcraft King Air B200) and the UC-12W ProLine 21 and UC-12W ProLine Fusion (a Navy configured Raytheon/Beechcraft King Air B350) aircraft.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full and Open Competitive	5 Years	1 st Qtr FY24  RFP Release	3 rd Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$12M	CAE	



Command Aircraft Crew Training (CACT) C-37A

Description/Summary of Program Requirements

Labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy's C-37A (Navy configured Gulfstream G-V) aircraft.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full and Open Competitive	5 Years	2 nd Qtr FY24  RFP Release	4 th Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$2M	Flight Safety International (FSI)	



Command Aircraft Crew Training (CACT) C-26D

Description/Summary of Program Requirements

Labor, equipment, training facilities, supervision and other services necessary for Pilot training of the Navy's C-26D (Navy configured Metroliner SA-227) aircraft. This contract supports training for the Commander Naval Air Force, U.S. Atlantic and Pacific Fleets (CNAP and CNAL).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 Years	1 st Qtr FY25  RFP Release	3 rd Qtr FY25  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$3M	Flight Safety International (FSI)	



Command Aircraft Crew Training (CACT) C-40A Maintenance

Description/Summary of Program Requirements

Labor, equipment, training facilities, supervision and other services, necessary to provide organizational level maintenance training for the C-40A (Navy configured Boeing 737-700C Increased Gross Weight [IGW]) aircraft.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full and Open Competitive	5 Years	3 rd Qtr FY25  RFP Release	2 nd Qtr FY26  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mrs. Robin Wieckhorst Organization: PDX Phone: 407-380-4214 Email: robin.wieckhorst@navy.mil	\$5M	Delta Airlines	

NAWCTSD



Paul Honold

Director, Surface and Undersea Warfare Programs



Program Directorate, Surface & Undersea Organization

Director
Mr. Paul Honold

Surface & Expeditionary Warfare Programs

LCS TSEA Deputy
Mr. Chris Korn

Deputy Director
Mr. Ron Winstead

Military Deputy
Vacant

Surface Warfare
Schools Command
Training

Combat Systems
Training

Hull, Mechanical &
Electrical

Littoral Combat
Ship Training
Project Office

Navigation,
Seamanship &
Shiphandling

Amphibious
Warfare Training

Fire Fighting &
Damage Control

Operations &
Maintenance
Services

Instructor
Services (NSS,
GCIS)

Surface Training
Advanced Virtual
Environment

Undersea Programs

Deputy Director
Mr. William Zeller

Military Deputy
CDR Hudson

MRTS 3D
Undersea

MRTS 3D
Aviation

VISIT 3-D

MRTS 3D
Surface, other

Submarine
Navigation

Hull, Mechanical &
Electrical

Submarine
Fire Fighting

Contractor
Maintenance
Services



Front-End
Analysis



Engineering Contractor Instructor Services (ECIS)

Description/Summary of Program Requirements

Previously titled Global Contractor Instructor Services. Performance-based contract to provide instructor services to augment military instructors for engineering and damage control related courses, provide curriculum updates and to serve as subject matter experts for various surface and expeditionary warfare training systems within the Surface Warfare Enterprise. This re-compete will address the requirements of Surface Warfare Schools Command at all major fleet concentration areas, and will also include Submarine Learning Center requirements.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
SDVOSB Competitive	5 Years	<div>July 21  RFP Release</div> <div>Dec 21  Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$37M	Prevailance Inc.



The information provided is for planning purposes and is subject to change without notice.



Surface Contractor Operation and Maintenance Services (COMS)

Description/Summary of Program Requirements

Re-compete the Surface and LCS Operations and Maintenance Services contract for the Surface Programs Directorate. Performance-based contract to provide both on-site and on-call contractor operation and maintenance services in all major fleet concentration areas as well as remote locations. There are a total of 38 sites, including 4 overseas. Support includes all associated preventative maintenance and organizational and intermediate level corrective maintenance to support a 95% daily operational availability requirement.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS V, Lot I Competitive	5 Years	4 th Qtr FY 23  RFP Release	2 nd Qtr FY 24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$75M	Fidelity Technologies Corporation	



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Aegis Ashore Team Trainer (AATT) Onsite Support Services

Description/Summary of Program Requirements

AATT Onsite Support Services contract to provide onsite operations and maintenance, perform cybersecurity functions, and perform reach back support for simulation software deficiency analysis, engineering support for simulation software correction, onsite simulation software correction installation and testing, and simulation software correction product delivery.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 Years	3 rd Qtr FY22  RFP Release	1 st Qtr Fy23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$16.5M	Lockheed	



The information provided is for planning purposes and is subject to change without notice.



Riverine Small Boat Trainers

Description/Summary of Program Requirements

Acquire training solutions for new reconfigurable boat simulator (Patrol Boat 40) in support of Coastal Riverine Force training of Visit, Board, Search, and Seizure (VBSS), Security force assistance (SFA), High value unit (HVV) shipping escort and Theater security cooperation (TSC). Emphasis of the training will be on requirements associated with the bridge crew, including the conduct of multi-boat maneuvers, navigation, and weapons engagement. Base award planned for PB-40 Cabin positions only.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV SBSA Competitive	20 Months	May 21  RFP Release	Sep 21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$5M (Base)	N/A	



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Amphibious Boat Control Team Trainer Ship Self-Defense System (SSDS) Upgrade

Description/Summary of Program Requirements

Upgrade existing Amphibious Boat Control Team Trainer (ABCTT) hardware and software to integrate the Self-Defense System Simulator (SDSSIM) functionality to support Amphibious Warfare Training capability at Expeditionary Warfare Training Group, Atlantic (EWTGLANT) in Virginia Beach, Virginia and at Expeditionary Warfare Training Group, Pacific (EWTGPAC) in San Diego, California.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	12 Months	June 21  RFP Release	Sep 21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$700K	Buffalo Computer Graphics ICI SERVICES, INC.	



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Naval Surface Fire Support Shore Based Trainer Upgrade

Description/Summary of Program Requirements

Upgrade Device 20E18B to incorporate all baselines of the Mk 34 so that students can have a simulator that replicates the fleet training need (Mk 34 Mods 0 – 8) and provide an interface for Naval Fires Control System (NFCS) Operator Watch Station training by incorporating identified discrepancy report software changes. Correct identified deficiencies and develop new capabilities to include Mk 34 GWS Mods 4, 6, 7 and 8.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Delivery Order, PORTS IDIQ	12 Months	June 21  RFP Release	Sep 21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$1.2M	Northrop Grumman	



The information provided is for planning purposes and is subject to change without notice.



Ship to Shore Connector (SSC) Training Systems

Description/Summary of Program Requirements

Acquire SSC training solutions in support of PMS377 new craft deliveries to replace Landing Craft Air Cushioned vehicles. Training solutions required for SSC Crew Operations and Maintenance Training comprised of Instructor Lead Training, Electronic Classrooms, Virtual and Full Mission Trainers to support training of Co-Pilots, Flight Engineer, Loadmaster, Deck Engineers, C4N, Electrical, Propulsion, Structural, Crew Familiarization and Crew Advanced Qualification Training. Base award projected to include Advanced Qualification Training Device and Operations Training Courses.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
TSC IV SBSA Competitive	2 years	<div>TBD</div> <div></div> <div>RFP Release</div> <div>TBD</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$30M Base: \$10M	N/A



ET “A” School Naval Communications Virtual Maintenance Trainer

Description/Summary of Program Requirements

Design, develop, test and deliver, Navy Command, Control, Communications, Computer and Intelligence (C4I) simulated equipment for training Electronic Technician (ET) “A” School students in the operations and maintenance of Naval communications equipment at Naval Station Great Lakes.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source SBIR Phase III	2 Years	1st Qtr FY22  RFP Release	3rd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$3M	N/A	



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Navigation Seamanship Shiphandling Trainer IDIQ

Description/Summary of Program Requirements

Single Award Indefinite Delivery/Indefinite Quantity (IDIQ) Contract for fielding of new Navigation Seamanship Shiphandling Trainers (NSSTs). Includes Part task, Individual, Team Trainers in support of Surface Training stakeholders. Trainer types include full Bridge/Combat Information Center (CIC) Team, Bridge Team, Individual Senior Navigator Officer of the Deck (OOD), Individual Junior OOD, Radar Navigation Team, and Small Boat Rigid Hull Inflatable Boat (RHIB) operator.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Full & Open Competitive	5 Year Ordering Period	Sep 21  RFP Release 2nd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$180M over 5 years	GDIT



The information provided is for planning purposes and is subject to change without notice.



FFG-62 Class - Surface Navigation Seamanship Shiphandling Training

Description/Summary of Program Requirements

Procure and deliver Navigation Training devices to Everett and Newport to support Constellation Class Frigate navigation training requirements. Specific device requirements will be determined through analysis and could include Bridge/Command Information Center (CIC) Team, Bridge Team, Bridge Watchstander, Senior Navigator Officer of the Deck (OOD), Junior Navigator OOD, Radar Navigation Team.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Delivery Order under new NSST IDIQ	TBD	2nd Qtr FY24  RFP Release	4th Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	GDIT	



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7M/11M RIB Coxswain Simulator Trainer

Description/Summary of Program Requirements

Effort to create coxswain simulator trainer at facilities in Coronado, California; Mayport, Florida; and Little Creek, Virginia to replace current outdated trainer. Scope to include multiple desktop simulators, one 240-degree immersive simulator, various small-boat operations, and realistic feedback for students. Effort includes build, install, test, document and delivery as applicable. Market research currently on-going as well as development of RFP documentation. Schedule for RFP release is on-hold pending resolution of funding. Funding is anticipated in FY23 or FY24



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
TBD Competitive	TBD	<div>TBD</div> <div></div> <div>RFP Release</div> <div>TBD</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	N/A



PORTS IDIQ DO #1 Modification

Description/Summary of Program Requirements

Modify Delivery Order #1 on the PC Based Open Architecture Reconfigurable Training System (PORTS) for work in support of the Operations Specialist A-school Virtual Operations Trainer (OSA VOT) and the Tactical Data Link (TDL) trainer Requirements Analysis Working Group (RAWG) and Training Equipment Change Request (TECR) fixes.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Delivery Order, PORTS IDIQ	18 months	Jun 21  RFP Release	Aug 21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	Northrop Grumman	



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PORTS IDIQ DO #2

Description/Summary of Program Requirements

Issue Delivery Order #2 on the PORTS IDIQ providing for work in support of the Multi-Mission Tactical Trainer (MMTT), a new Anti-Submarine Tactical Air Controller (ASTAC) trainer, Tactical Data Link (TDL) trainer development, and Air Intercept Controller (AIC) training.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Delivery Order, PORTS IDIQ	18 Months	Oct 21  RFP Release	Dec 21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	Northrop Grumman	



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Integrated Tactical Trainer (ITT) IDIQ

Description/Summary of Program Requirements

Single Award Indefinite Delivery/Indefinite Quantity (IDIQ) Contract for award of multiple Delivery Orders through the period of performance in support of Integrated Tactical Trainer Modernization, future procurements, and Lethality & Survivability (L&S) Upgrades. This will be a new contract vehicle to be awarded after current ITT procurement contracts are completed. Scope will include development, modification, technical refresh, new training systems, configuration management, performance monitoring and evaluation, and other actions as specified.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 Years	1 st Qtr FY23  RFP Release	3 rd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	Lockheed Martin / GDIT	



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ITT IDIQ DO #1 – ITT-1A Move / Upgrade to L&S

Description/Summary of Program Requirements

Delivery Order #1 on the ITT IDIQ for the move and Lethality and Survivability (L&S) upgrade of ITT-1A. The LCS ITTs support individual and team training for the ship's crew. The ITTs provide unique and highly specialized functional training comprised of Bridge Navigation, Engineering, Command/Control, and Combat training systems and are capable of integrating with Surface Warfare (SUW), Mine Warfare (MIW/MCM), and Anti-Submarine Warfare (ASW) Common Mission Package Trainer (CMPT) capability.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Delivery Order, ITT IDIQ	2 Years	1 st Qtr FY23  RFP Release	3 rd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$35M	Lockheed Martin	



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STAVENET - Virtual Ship Training System (VSTS) Briefing Room Control System (BRCS)

Description/Summary of Program Requirements

Procure, install, and integrate equipment to complete installation of one (1) CLASSIFIED Briefing Room Control System (BRCS) at the Littoral Training Facility, located on Naval Station Mayport, FL.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
GSA Multiple Award Schedule 70 Competitive	12 months	August 21  RFP Release	October 21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$500K	N/A	



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STAVENET - Virtual Ship Training System (VSTS) LANs, Virtual Reality Labs (VRL), Tech Library, & Haptic Lab

Description/Summary of Program Requirements

Procure, install, and integrate equipment to complete technical refresh of one (1) CLAS LAN, one (1) UNCLAS LAN, 12 CLAS/UNCLAS Virtual Reality Labs, 20 CLAS/UNCLAS VSTS Administrative stations, one (1) CLAS/UNCLAS Technical Library, and one (1) UNCLAS Haptic Labor at the Littoral Training Facility, located on Naval Base San Diego, CA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
GSA Government Acquisition Contract (GWAC) Competitive	2 Years	4 th Qtr FY23  RFP Release	2 nd Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$5M	Triton Joint Venture (JV) LLC	



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Littoral Combat Ship (LCS) Bridge Part Task Trainers (BPTT)

Description/Summary of Program Requirements

Perform upgrade/tech refresh for existing LCS BPTTs for SWSC Newport, Littoral Training Facility (LTF) Mayport & San Diego BPTTs utilizing the VirtualShip (Vship®) product. Some design modifications will be included in the scope of work to capture architecture variations unique to the site location and integration of latest Vship and Voyage Management System (VMS) products.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV SBSA Competitive	4 years (base devices and options over 3 years)	4 th Qtr FY22  RFP Release	3 rd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	Xebec	



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Littoral Combat Ship (LCS) Knifefish/UISS Simulator Upgrade

Description/Summary of Program Requirements

Effort to update Mission Bay Trainer assets at the LCS Training Facilities in San Diego and Mayport. Scope to include launch and recovery of the Knifefish and Unmanned Influence Sweep System (UISS) vehicles, line-zeroing function, and Windows 10 upgrade to system. Effort includes build, install, test, document and delivery as applicable.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Delivery Order, STIGS IDIQ	2 Years	1 st Qtr FY22  RFP Release	2 nd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$4M	Cubic	



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Littoral Combat Ship (LCS) Mission Bay Trainer Update

Description/Summary of Program Requirements

Effort to create and modernize Mission Bay Trainer assets at the LCS Training Facilities in San Diego and Mayport. Scope to include updates to cyber security, ordnance hoists, simulators, haptic devices, small boats, vehicle cradles, and cranes as required. Effort includes build, install, test, document and delivery as applicable.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	18 Months	4 th Qtr FY22  RFP Release	2 nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$4M	Cubic	



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Naval Expeditionary Combatant Command (NECC) Multi-Crane Trainer

Description/Summary of Program Requirements

Effort to acquire and deliver a commercial off-the-shelf (COTS) reconfigurable multi-crane trainer, including site installation and testing at Navy Expeditionary Logistics Support Group (NAVELSG), Naval Weapons Station Yorktown, VA. Scope to include four (4) different crane models and instructor/operator station integrated with existing courseware, capable of providing comprehensive crane cab operator training for all four cranes as required. Effort includes build, install, test, document and delivery as applicable. Industry research on-going.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	2 Years	1 st Qtr FY22  RFP Release	2 nd Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$2M	N/A	

NAWCTSD



Paul Honold



Director, Surface & Undersea Programs



Submarine Contractor Maintenance Services

Description/Summary of Program Requirements

Provide Contractor Maintenance Services (CMS) for NAWCTSD fielded trainers at the following Submarine Learning Center Training Sites: Naval Submarine School, Groton, CT, (inclusive of Portsmouth, NH); Submarine Learning Facility, Norfolk, VA; Naval Submarine Training Center Pacific, Pearl Harbor, HI, (inclusive of Ford Island); Submarine Training Facility, San Diego, CA, (inclusive of North Island); Trident Training Facility (TTF) Bangor, WA, (inclusive of Bremerton); TTF Kings Bay, GA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• FTSS IV Lot I• Competitive	5 years	<div>April 21</div> <div></div> <div>RFP Released</div> <div>July 21</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	\$30M	Fidelity Technologies Corp



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Advanced Computer Training Systems (ACTS) FY21

Description/Summary of Program Requirements

- MRTS 3D Electronic Technician Radar Trainer (ETRT)
- MRTS 3D 688 Diesel Training Effectiveness Evaluation Plan (TEEP)
- MRTS 3D OHIO Diesel PHASE II
- MRTS 3D Journeyman Communications Course (JCC) Phase II

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Delivery Orders, ACTS IDIQ	18 months	<div><div>FY 21</div><div></div><div>RFP Release</div></div> <div><div>FY21</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	Dignitas/ProActive



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Advanced Computer Training Systems (ACTS) FY22

Description/Summary of Program Requirements

- MRTS 3D MT-30
- MRTS 3D E-6B Mission Avionics System Trainer (MAST)
- MRTS 3D 688 Weapons Shipping/Unshipping
- MRTS 3D VA Diesel Training Effectiveness Evaluation Plan (TEEP)
- MRTS 3D Unmanned Vehicle (Razorback) (PMS460)
- MRTS 3D Mobile Electric Power Plant (PH II)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Delivery Orders, ACTS IDIQ	18 months	FY 22  RFP Release	FY 22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	Dignitas/ProActive	



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Advanced Computer Training Systems (ACTS) FY23

Description/Summary of Program Requirements

- MRTS 3D OHIO Diesel Training Effectiveness Evaluation Plan (TEEP)
- MRTS 3D Intelligence and Electronic Warfare Tactical Proficiency Trainer (IEWTPT) program (PEO-STRI)
- MRTS 3D OHIO Weapons Shipping/Unshipping

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Delivery Orders, ACTS IDIQ	18 months	<div><div>FY 23</div><div></div><div>RFP Release</div></div> <div><div>FY23</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	TBD	Dignitas/ProActive

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NAWCTSD



Aida G. Lopez

Director, International Training Products





International Programs Organization

Director
Aida G Lopez

Deputy
Tim Veschio

Military Deputy
Vacant

Aviation

Maritime

- P-8, P-3
- MH-60, S-70B

Strike

- F-18, F/A-18, EF-18
- E-2C, E-2D

Marine Corps

- V-22
- H-1
- CH-53
- KC-130

Surface / Undersea

- Frigate
- Minesweeper
- Fast Patrol Boats
- Multi-Mission
Surface Combatant (MMSC)

Global Peace Keeping Initiative (GPOI)

Cross-Warfare



- Contractor Instructor
Services (CIS)
- Contractor Operations
and Maintenance
Services (COMS)
- Courseware



Republic of Korea Navy (ROKN) P-8A Training Systems

Description/Summary of Program Requirements

The ROKN is purchasing the following Aircrew and Maintenance Training Systems as part of their Total Package Approach in support of the P-8 Aircraft procurement: 1 Operational Flight Trainer, 1 Weapons Tactics Trainer, 5 Electronic Classrooms, 2 Scenario Generation Stations, 1 Virtual Maintenance Trainer, 1 Virtual Maintenance Trainer, 1 Training System Support Center, 1 Maintenance Support Cabinet, 2 Mission System Desktop Trainers, and 1 Flight Management System Trainer. Phase 1 consists of hardware, visual database and Technical Interchange Meetings to define FR 95K. Phase 2 consists of software integration and delivery/installation of devices in Korea.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 years	<div>July 2019</div> <div></div> <div>RFP Release</div> <div>Phase 1 31 Jul 2021</div> <div>Phase 2 1st Qtr FY23</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	Boeing



MH-60R RAN Operator and Maintenance Concurrency

Description/Summary of Program Requirements

Royal Australian Navy (RAN) updates to operator and maintenance training devices to include Operational Flight Trainer, Weapons Tactics Trainer, Composite Maintenance Trainer, Avionics Maintenance Weapons Load Trainer, to maintain hardware/software concurrency (system configuration updates to include Next Generation Threat System (NGTS)/Common Acoustic Simulated Environment-Fidelity Improvement (CASE-FI), as well as, incorporation of aircraft Engineering Changes Orders and deficiency corrections.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 years	<div>April 2021</div> <div> RFP Release</div> <div>Oct 2021</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	CAE



The information provided is for planning purposes and is subject to change without notice.



MH-60R Denmark Mission OFT Concurrency

Description/Summary of Program Requirements

Updates to Mission Operations Flight Training training device (MOFT), to include Anti-Submarine Warfare (ASW) capability, maintain hardware/software concurrency, and incorporation of aircraft Engineering Changes Orders and deficiency corrections.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	18 Months	April 2021  RFP Release	Aug 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: (407) 381-8648 Email: aida.matta@navy.mil	FMS	CAE	



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MH-60R Royal Saudi Naval Forces (RSNF) Training Systems

Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS), Contractor Instructional Services (CIS), and Training Device Relocation (TDR) for the Royal Saudi Naval Forces (RSNF) Tactical Operational Flight Trainer located at Mayport. The awardee will assume Continental United States (CONUS) COMS and CIS until training is complete in April 2022, relocate the training devices to Saudi Arabia (the RSNF will provide shipping), install the devices at Jubail, and provide COMS and CIS for one year in Jubail. Current contracts do not permit overseas activity.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
FTSS IV Lot 1	5 years	<div>June 2021</div> <div>August 2021</div> <div> RFP Release</div> <div> Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	Fidelity (COMS) LB&B (CIS)

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MH-60R Royal Saudi Naval Forces (RSNF) Training Systems

Description/Summary of Program Requirements

The RSNF has provided a Letter of Request (LOR) for a Letter of Offer and Acceptance (LOA) for a follow-on support case with expected execution in late 2021. This case includes requirements to provide Tactical Operational Flight Trainer (TOFT) device technical refresh, upgrades, courseware, COMS, and CIS support. The Government will implement a post deployment software support (PDSS) concept that requires the awardee to continuously integrate new AOP updates in a lab environment in order to provide yearly software updates to the training devices in Jubail, Saudi Arabia.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
TBD	5 years	<div>TBD</div> <div>TBD</div> <div>RFP Release</div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	OEM is Simulation Division, Manned Flight Simulator (MFS)



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MH-60R Republic of Korea Navy (ROKN) Training Systems

Description/Summary of Program Requirements

The Republic of South Korea Navy (ROKN) is purchasing a Tactical Operational Flight Trainer (TOFT) in support of the MH-60R Aircraft procurement.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	4 th Qtr 2021  RFP Release	2 nd Qtr 2022  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	CAE	



The information provided is for planning purposes and is subject to change without notice.



MH-60R Training Systems – Future International Partners

Description/Summary of Program Requirements

The Indian Navy is interested in the acquisition of Aircrew and Maintenance Training Systems to support the purchase of the MH-60R Platform. Training Systems include a Tactical Operational Flight Trainer (TOFT), Avionics Maintenance Weapons Load Trainer (AMWLT), and a Composite Maintenance Trainer (CMT) utilizing an EDA MH-60R fuselage under FMS case , two Electronic Classrooms, and courseware

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 years	2 nd Qtr FY22  RFP Release	2 nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	CAE	



The information provided is for planning purposes and is subject to change without notice.



Finland FA-18C 27C(F) WTSAT, DTT, and DBMOC Phase 3 Upgrade

Description/Summary of Program Requirements

Upgrade FA-18C Aircrew Weapons Tactics and Situational Awareness Trainer (WTSAT), Deployable Tactics Trainer (DTT), and Debrief Mission Operation Center (DBMOC) capabilities to address the changes in the SCS 27C(F) build 3.3.1 to 3.5.2. In addition it will address the risk associated with using WINS 7 by upgrading to WINS 10, improve the Joint Terminal Attack Controller (JTAC) functionality, address outstanding Deficiency Reports (DR's) and enhance the High Level Architecture (HLA) environment.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	18 months	August 2020  RFP Release	Oct 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	Boeing	



The information provided is for planning purposes and is subject to change without notice.



Kuwait F/A-18E/F Training Systems

Description/Summary of Program Requirements

The Kuwait Air Force (KAF) is in the process of procuring FA-18E/F Super Hornet Training and Training Systems in a Block III configuration. This procurement includes Aircrew Training, Aircrew Computer Based Training (CBT), Tactical Operational Flight Trainers (TOFTs) and Low Cost Trainers (LCT's)



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 years	February 2019  RFP Release	June 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	Boeing	



Kuwait F/A-18E/F Training Systems

Description/Summary of Program Requirements

The Kuwait Air Force (KAF) is in the process of procuring FA-18E/F Super Hornet Block III Category (CAT) I Aircrew Training Courseware into the associated courseware, lectures, lessons, syllabus and Computer Based Training (CBT).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	2 Years	<div>TBD</div> <div></div> <div>RFP Release</div> <div>TBD</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	Boeing



The information provided is for planning purposes and is subject to change without notice.



Kuwait F/A-18C/D Training Systems

Description/Summary of Program Requirements

The Kuwait Air Force (KAF) is in sustainment of FA-18C/D Hornet Training Systems. This includes Contractor Operational Maintenance Support (COMS) for aircrew training courseware, Computer Based Training (CBT) and Tactical Operational Flight Trainers (TOFTs) as well as Contractor Instructional Support (CIS). This effort is for a new CIS contract to continue instructional support.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 years	May 2021  RFP Release	30 April 2022  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	Boeing (CIS)	



The information provided is for planning purposes and is subject to change without notice.



Kuwait F/A-18C/DE/F Training Systems

Description/Summary of Program Requirements

This new case is for the sustainment of Kuwait FA-18C/D/E/F Hornet Training Systems. This includes Contractor Operational Maintenance Support (COMS) for Aircrew Training Courseware, Computer Based Training (CBT), Tactical Operational Flight Trainers (TOFTs) and Low Cost Trainers (LCTs) as well as Contractor Instructional Support (CIS).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 Years	TBD  RFP Release	TBD  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	TBD	



The information provided is for planning purposes and is subject to change without notice.



Australia F/A-18-F/EA-18G Maintenance Training Systems

Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F/EA-18G Australia Training Systems. Affected systems include Maintenance Trainers Integrated Visual Maintenance Environment Trainer (IVEMT) and Maintenance Courseware to H14A SCS sole source contract Boeing.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Delivery Order IDIQ Sole source	18 Months	January 2020  RFP Release	4 th Qtr FY21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	\$12.2 M	Boeing	



The information provided is for planning purposes and is subject to change without notice.



Australia F/A-18-F/EA-18G Aircrew Training System

Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F/EA-18G Australia Training Systems. Affected systems include Aircrew Trainers Tactical Operational Flight Trainer (TOFT), hardware upgrade Image Generator's (IG's)/hardware obsolescence for all four TOFTs.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole source	3 Years	June 2020  RFP Release	June 2021  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	\$4.6 M	L3Harris	



The information provided is for planning purposes and is subject to change without notice.



Australia F/A-18-F/EA-18G Maintenance Training Systems

Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F/EA-18G Australia Training Systems. Affected systems include Maintenance Trainers Integrated Visual Maintenance Environment Trainer (IVEMT) and Maintenance Courseware to H16A SCS sole source contract Boeing.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Delivery Order IDIQ Sole source	18 Months	2 nd Qtr FY22  RFP Release	2 nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	\$15.5 M	Boeing	



The information provided is for planning purposes and is subject to change without notice.



Australia F/A-18-F/EA-18G Aircrew Training System

Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F/EA-18G Australia Training Systems. Affected systems include Aircrew Trainers Tactical Operational Flight Trainer (TOFT), hardware upgrade Instructor Operator Station (IOS), and Brief Debrief Station/Mission Operating Center (BDS/MOC) obsolescence for all four TOFTs.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole source	2 Years	1 st Qtr FY23  RFP Release	1 st Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	\$5 M	L3Harris	



The information provided is for planning purposes and is subject to change without notice.



Australia F/A-18-F/EA-18G Maintenance Training Systems

Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F Australia Training Systems. Affected systems include Aircrew Difference Courseware to Block III configuration.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Delivery Order IDIQ Sole source	18 Months	1 st Qtr FY23  RFP Release	1 st Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	\$5 M	Boeing	



The information provided is for planning purposes and is subject to change without notice.



Australia F/A-18-F/EA-18G Aircrew Training Systems

Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F Australia Training Systems. Affected systems include Aircrew Trainers Tactical Operational Flight Trainer (TOFT), and Low Cost Trainers (LCT) to Block III configuration.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Delivery Order IDIQ Sole source	2 Years	1 st Qtr FY23  RFP Release	1 st Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	\$25 M	Boeing	



The information provided is for planning purposes and is subject to change without notice.



Australia F/A-18-F/EA-18G Maintenance Training Systems

Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F Australia Training Systems. Affected systems include Maintenance Trainers Integrated Visual Maintenance Environment Trainer (IVEMT) and Maintenance Courseware to Block III/H18A configuration.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Delivery Order IDIQ Sole source	2 Years	2 nd Qtr FY23  RFP Release	2 nd Qtr FY24  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	\$20 M	Boeing	



The information provided is for planning purposes and is subject to change without notice.



Canada F/A-18 ADCTS – Phase 3 Upgrade

Description/Summary of Program Requirements

The Canadian Forces (CF) are in the process of upgrading their existing CF18 Advanced Distributed Combat Training System (ADCTS) to maintain CF18 A/B+++ aircraft concurrency under the Hornet Extension Project (HEP). Training Systems include Tactical Operational Flight Trainers (TOFT); Enhanced Part Task Trainers (EPTT); PTTs; Instructor Operator Stations (IOS).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole source	4 Years	4 th Qtr FY21  RFP Release	1 st Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	\$38 M	L3HARRIS	



The information provided is for planning purposes and is subject to change without notice.



F/A-18F and EA-18G Training Systems Future International Partners

Description/Summary of Program Requirements

The German Air Force is interested in the acquisition of Aircrew and Maintenance Training Systems to support the purchase of the F/A-18 Platform. Training Systems quantities are to be determined and may include Operator Trainers (Full Mission Simulators, Low Cost Trainers, Brief Debrief Stations/Mission Operations Centers), Maintenance Trainers (Integrated Visual Environment Maintenance Trainers, Hardware Maintenance Trainers) and Courseware.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 years	3 rd Qtr FY24  RFP Release	3 rd Qtr FY25  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	Boeing	



The information provided is for planning purposes and is subject to change without notice.



E-2D Training Systems – Future International Partners

Description/Summary of Program Requirements

The French Navy is interested in the acquisition of Aircrew and Maintenance Training Systems to support the purchase of the E-2D Platform. Training Systems include a Operational Flight Trainer (OFT) and Weapons Tactics (WTT)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 years	2 nd Qtr FY22  RFP Release	2 nd Qtr FY23  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	Collins Aerospace	

The information provided is for planning purposes and is subject to change without notice.





Saudi Arabia Multi-Mission Surface Combat (MMSC) Training System – Virtual Ship Training System (VSTS)

Description/Summary of Program Requirements

Royal Saudi Arabia Naval Forces (RSNF) Multi-Mission Surface Combatant is a variant of the US Littoral Combat Ship (LCS). Procurement of LCS type training systems to support RSNF Train to Qualify/Train to Certify requirements.

Requirements for this effort include the Virtual Ship Training System (VSTS), and the Virtual Reality Lab Hardware along with the classroom support equipment including desk & chairs.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Anticipated SB set-aside as a GSA MAC DO	12 Months	3 rd Qtr FY21  RFP Release	4 th Qtr FY21  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS		





Saudi Arabia Multi-Mission Surface Combat (MMSC) specific Immersive Virtual Ship Environment (IVSE) Training System

Description/Summary of Program Requirements

Royal Saudi Arabia Naval Forces (RSNF) Multi-Mission Surface Combatant is a variant of the US Littoral Combat Ship. Procurement of MMSC specific Train to Qualify / Train to Certify Training Systems requirements.

This effort is for the acquisition of an MMSC specific Immersive Virtual Ship Environment (IVSE) to support RSNF training.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
STIGS Delivery Order	5 years	1 st Qtr FY22  RFP Release	4 th Qtr FY22  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	Original Developer - Cubic	

The information provided is for planning purposes and is subject to change without notice.



Saudi Arabia Multi-Mission Surface Combat (MMSC) Bridge Part Task Trainer System & Egyptian Navy COVE & FMB Training Systems

Description/Summary of Program Requirements



This is a procurement action combining Navigation Training system requirements for Kingdom of Saudi Arabia RSNF and Egyptian Navy (EN). The three distinct training systems are;

Bridge Part Task Trainer – RSNF – modeled after LCS 1 and modified to MMSC ship's drawings and navigational equipment.

Class "A" Bridge Simulator (EN) – Full Mission Bridge (FMB)

Class "B" Bridge Simulator (EN) – Conning Officer Virtual Environment (COVE)

and , Spare Parts, Unclassified Publications, and associated support. VSHIP software is common to all three training systems.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>TSC IV (SB set-aside) Firm-Fixed Price (FFP) Delivery Order under TSC IV IDIQ MAC</p> <p>Base Award for one FMB, one COVE and one BPTT</p>	<p>3 years</p>	<p>July 2020 June 2021</p> <p> </p> <p>RFP Release Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Aida G Lopez</p> <p>Organization: PDI</p> <p>Phone: 407-381-8648</p> <p>Email: aida.matta@navy.mil</p>	<p>FMS</p>	<p>BPTT* (Xebec/Pinnacle)</p> <p>*OEM for LCS Domestic</p>





Hellenic Navy Future Frigate (HFF)

Description/Summary of Program Requirements

Hellenic Navy (HN) Future Frigate will be a variant of the RSNF MMSC Hull 1. Procurement of Training Systems (TS) to support new hull type training will be similar to the MMSC LBTT and IVSE tailored to the HN specific training requirements.

Currently in the LOR for LOA process, requirements for crew training is still being evaluated and will be finalized during LOA negotiations, based on requirements and funding.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	5 years	3 rd Qtr FY23  RFP Release	1 st Qtr FY25  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida G Lopez Organization: PDI Phone: 407-381-8648 Email: aida.matta@navy.mil	FMS	Lockheed Martin	



Bob Seltzer

Director, Research and Technology Programs

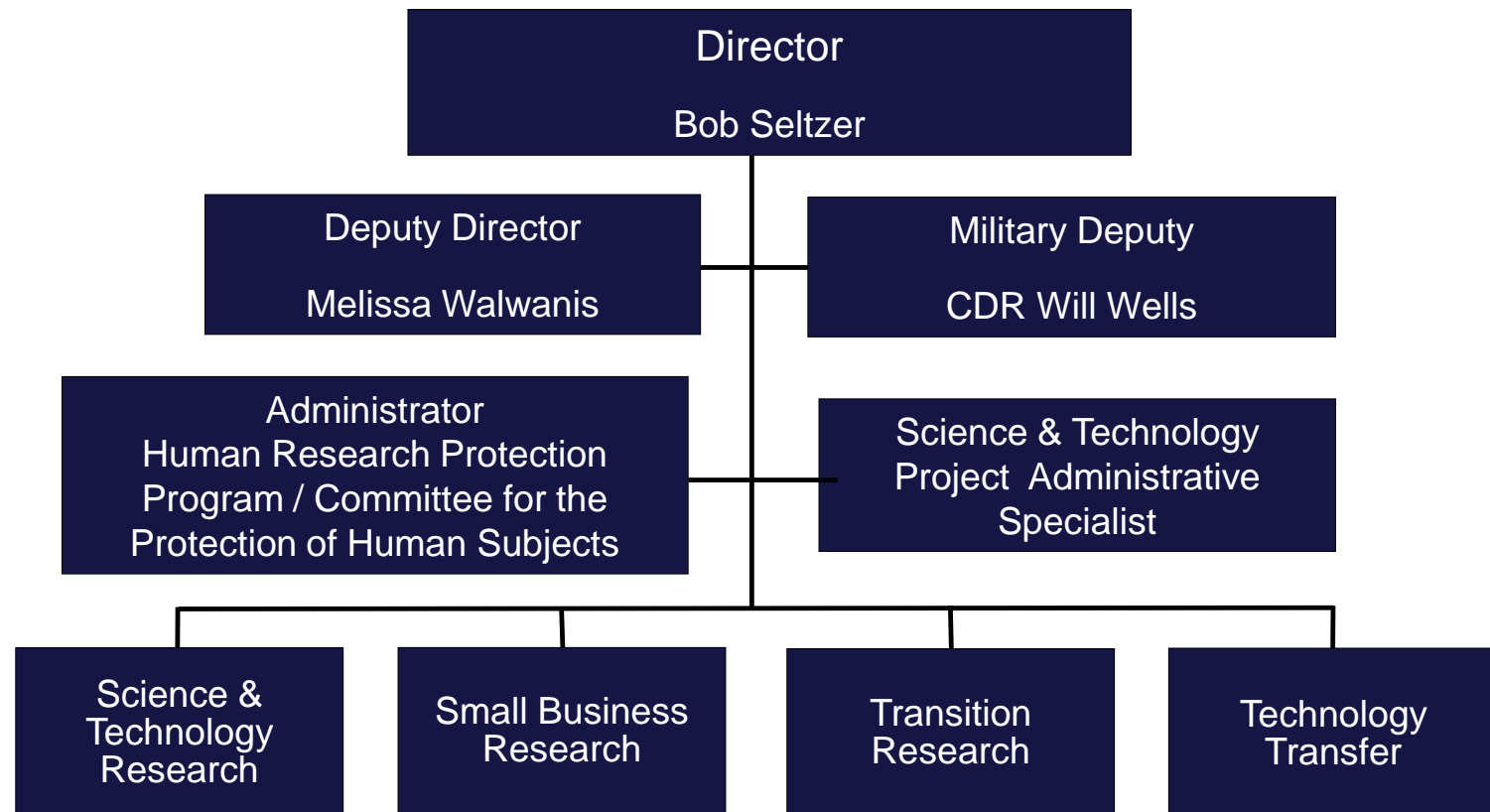
<https://www.navair.navy.mil/nawctsd/TSIS>



Research & Technology Program Directorate

MISSION

Plan & Perform a Full Range of Directed Research and Development in Support of Naval and Other DOD Training Systems for All Warfare Areas and Platforms, to Maintain a Naval Critical Technology Base and Transition Technology Results to the Fleet and Other Customers





NAWCTSD Research Portfolio

- NAWCAD/Office of Naval Research Science & Technology (*BA1-3)
 - Basic Research
 - Applied Research
 - Advanced Development
- DoD Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) program
- Navy Demonstrations and Validation Research (BA4-7)
- DoD Research
 - Joint/OSD/DARPA
 - Army/USAF/USMC Research
- Technology Transfer (Gov/Non-DoD Research)

NAWCTSD is a R&D Performer and Partners with Industry and Academia on Proposals and Subsequent Research Efforts

*BA = Budget Activity





Small Business Innovation Research (SBIR) Opportunities

Description/Summary of Program Requirements

- Process (2-3 SBIR solicitations per year)
- Phase I (1st yr): Scope problem & detail innovative solution (\$140K/\$100K option)
- Phase II (2nd-3rd yrs): Develop prototype, test & evaluate (up to \$1.6M)
- Phase III (thereafter): Further R&D development / acquisition transition (Government sole source)

Next Broad Agency Announcement (navysbir.com):

➔ (21.2) Pre-release: 21 April 2021 Opens: 19 May 2021 Closes: 17 June 2021

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • STTR Phase I Competitive SBSA All Contracts Processed at NAWCAD, Lakehurst	<ul style="list-style-type: none"> • Phase I: 6 Month w/6 month Option • Phase II: Up to 24 Months • Phase III: Open 	19 May 2021  RFP Open	17 June 2021  RFP Closes
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Robert Seltzer Organization: R&T Program Office Phone: 407-380-4115 Email: Robert.seltzer@navy.mil	<ul style="list-style-type: none"> • Year 1 RDT&E \$140K/\$100K • Year 2-3 RDT&E \$1.5M • Year 4+ Non-SBIR \$s; No Limit/ No Competition Required 	<ul style="list-style-type: none"> • TBD-Up to 3 awards planned per topic 	





Small Business Technology Transfer (STTR) Opportunities

Description/Summary of Program Requirements

- Small business required to team with research or academic institution (non-Government)
- Phase 1(1st yr): Scope problem & detail innovative solution (\$140K/\$100K option)
- Phase II (2nd-3rd yrs): Develop prototype, test & evaluate (\$1.6M)
- Phase III (thereafter): Further R&D development/acquisition transition (Government sole source)
- Large businesses can partner with small businesses (for Phase III)

Next Broad Agency Announcement (navysbir.com):

→ (21.2B) Pre-release: 21 April 2021 Opens: 19 May 2021 Closes: 17 June 2021

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • STTR Phase I <p>Competitive</p> <p>SBSA</p> <p>All Contracts Processed at NAWCAD, Lakehurst</p>	<ul style="list-style-type: none"> • Phase I: 6 Month w/6 month Option • Phase II: up to 24 Months • Phase III: Open 	19 May 21  RFP Released	17 June 21  RFP Closes
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mr. Robert Seltzer</p> <p>Organization: R&T Program Office</p> <p>Phone: 407-380-4115</p> <p>Email: Robert.Seltzer@navy.mil</p>	<ul style="list-style-type: none"> • Year 1 R&D \$140K/\$100K Option • Year 2-3 R&D \$1.5M (Total) • Year 4+ Non-SBIR/STTR \$s; No Limit No Competition Required 	<ul style="list-style-type: none"> • TBD-Up to 3 awards planned per topic 	



NAVAIR SBIR/STTR Proposal Solicitation Topics

• N21B-T024: Predictive Data Analytics to Refine Aircrew Training and Operations

- ➔ OBJECTIVE: Research and develop a technology that supports ingesting large and disparate data sets from naval aviation aircraft and uses data science to provide outputs that increase enterprise level knowledge of aviator performance, safety, and effectiveness through data-driven predictive analytics to influence training and operations.

PHASE II Product: Develop a working prototype to include high-level requirements, design, initial testing, and demonstration the prototype in a lab or live environment.

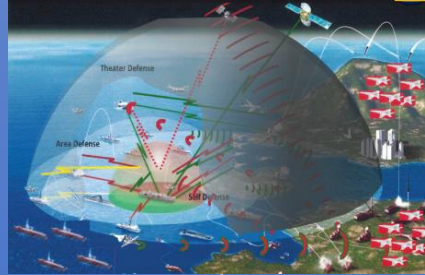
DoD 21.2(SBIR) / B (STTR) Solicitation Opens: 19 May 21 Closes: 17 Jun 21 (www.navysbir.com)

Continuing Areas of Research



Emerging Instructional Methods

- ♦ Adaptive Training Techniques
- ♦ AI Enabled Instructor/Crew
- ♦ Scenario Based Trg Methods
- ♦ Multi-level Performance Measurement & Assessment
- ♦ Human Performance Measurement Approaches



Challenge Areas Supported

- ♦ Denied & Degraded Environments
- ♦ Electronic Maneuver Warfare
- ♦ Integrated Warfighting Capability
- ♦ Cyber Warfare
- ♦ Manned-Unmanned Teaming



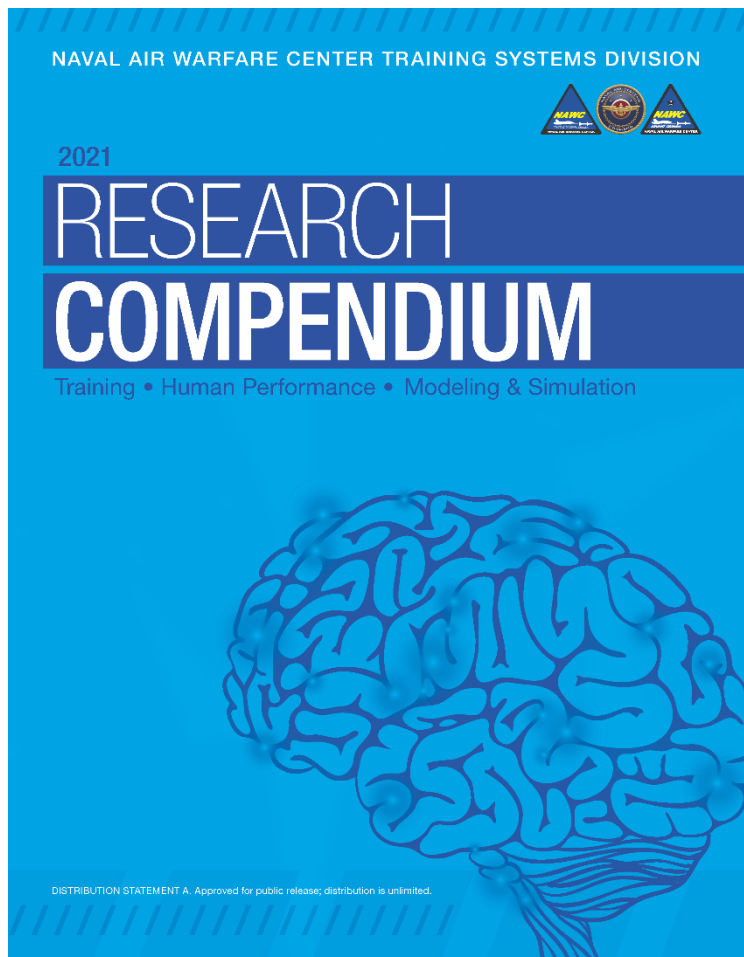
Training Technology & Environments

- ♦ Data Science (AI/ML)
- ♦ eXtended Reality Visual & Input Enhancements
- ♦ Live, Virtual, Constructive
- ♦ Distributed Mission Training
- ♦ Effects Modeling
- ♦ Mobile Learning/Deployable
- ♦ Cybersecurity & Cloud-based

Instructional Strategy



NAWCTSD Research Compendium



EXAMINING THE EFFECTS OF GAME FEATURES ON LEARNING IN SCENARIO-BASED TRAINING

OBJECTIVE

The objective of this research is to systematically test the impact of two game features on performance and motivation: score/performance gauges and competition. To date, there is no previous research that suggests adding game gauges increases motivation or enhances performance, and likewise, little research has examined the effect of competition on learner performance and motivation in game-based training.



The Periscope Operator Adaptive Trainer (POAT) user interface with game gauges included (bottom left).

PROJECT DURATION
OCT 2015 - SEP 2018

FUNDING SPONSOR
Naval Air Systems Command (NAVAIR) | Section 219

POINTS OF CONTACT
Cheryl Johnson, Ph.D. (PI)
cheryl.johnson@navy.mil
CDR Will Wells (PM)
willfred.wells@navy.mil

DESCRIPTION

Previous research has shown mixed results on the efficacy of game features to promote learning outcomes and motivation, and the majority of these studies have not systematically investigated game features to determine which ones are most effective. Based on Cognitive Load Theory, we hypothesized that adding both competition and game features would increase motivation and enhance performance in a simulation-based training task. In a set of experiments, we explored whether the presence of game features (performance gauges and score) and competition features (a leaderboard) affected motivation and learning outcomes within the Periscope Operator Adaptive Trainer (POAT).

NEED

In light of budget declines, there has been a strong push across the DoD for low-cost training techniques that are engaging, realistic, and can be delivered anytime, anywhere. Game-based training techniques hold promise to meet this demand as they are purported to enhance player motivation. However, existing research on the effectiveness of game-based training is mixed and often nonsystematic, resulting in a failure to identify specific game features that lead to better learning and performance outcomes.

BENEFITS

Game-based training may be well-suited to meet the Navy's education objectives, given the popularity of computer games with today's young adults. This research seeks to examine the effects of incorporating game features into simulation-based training, a topic that has not been systematically investigated in the training literature. Previous studies have assessed the value of game-based training over traditional methods of instruction, but few have investigated individual game features and their impact on performance and motivation. The findings of these experiments may have a broad impact on future training systems by offering empirically-based guidance for designing game features to enhance effectiveness.

STATUS

In FY18, the research team conducted two experiments. Experiment 1 was conducted with approximately 120 college students, and the results showed that incorporating game features into training did not improve trainee performance on the task or their motivation to play the game. Experiment 2 was conducted with approximately 70 submarine officer students at NAVSUBASE New London, utilizing a simpler experimental design. Experiment 2 replicated the results of Experiment 1.

MILESTONES

- Completed data collections for Experiment 1 with a college student population and Experiment 2 with Submarine Officer Basic Course (SOBC) students.
- Developed experimental testbed for systematically evaluating game features, such as scores, leaderboards, and performance gauges in the Periscope Operator Adaptive Trainer (POAT).
- Presentation: Mercado, A. D., Johnson, C. I., Landsberg, C. R., & Bailey, S. K. T. (2018, August). A systematic evaluation of game features in simulation-based training. Poster presented at the International Ergonomic Association conference.
- Analyzed data and wrote report of results from SOBC experiment, concluding that game features do not increase motivation nor improve the accuracy of periscope calls. Adaptive training increased call accuracy regardless of inclusion of game features.

BASIC AND APPLIED RESEARCH • CORE CAPABILITY 2

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Research Compendium can be found at the bottom of the NAWCTSD Web site Home page:
<https://www.navair.navy.mil/nawctsd/sites/g/files/jejdrs596/files/2020-12/NAWCTSD%20Research%20Compendium%202021.pdf>



Technology Transfer: Partnering with Industry, Academia, State/Local

Cooperative Research and Development Agreement (CRADA)

- Allows R&D collaboration between NAWCTSD and non-federal partners.
- Provides the means to offer intellectual property (IP) rights to a non-federal partner.
- NAWCTSD can provide:
 - Personnel
 - Facilities/Equipment
 - Intellectual Property (IP)
 - **NO funds**
- Non-federal party can provide:
 - Personnel
 - Facilities/Equipment
 - Intellectual Property (IP)
 - **Funds**

Commercial Service Agreements (CSA)

- Allows the sale of defense articles and/or services that are not available from any United States commercial source.
- Makes services of any government laboratory, center, range or other testing facility available for testing purposes on a reimbursable basis.
- Relies on existing capabilities and expertise
- Requires full reimbursement of Government costs
- Cannot compete with United States private industry



Technology Transfer: Partnering with Industry, Academia, State/Local

Software License Agreement (SLA)

- Agreement between NAWCTSD and an Industry partner which allows them to make, use and sell federally developed software with the assurance that we will not sue for infringement.
- NAWCTSD retains rights to use the software for government purposes.
- Industry partner pays royalties to NAWCTSD.

Patent License Agreement (PLA)

- Agreement between NAWCTSD and an Industry partner which allows them to make, use and sell federally owned inventions with the assurance that we will not sue for infringement.
- NAWCTSD retains rights to use the technology for government purposes.
- Industry partner pays royalties to NAWCTSD.

Search for us on <https://www.federallabs.org/flcbusiness> for more information on available technologies.



How to Participate in NAWCTSD Research?

- Tell us about your Independent Research and Development (IRAD) efforts
 - Respond to SBIR/STTR Solicitations
 - Small Business – Large Business Partnering, Academia can be included
 - Pursue Cooperative Research and Development Agreements (CRADAs) with NAWCTSD when we find an area of common interest
 - Partner on Joint Proposals (Scientist to Scientist/Engineer to Engineer)
 - If successful w/joint proposals several contract vehicle options available:
 - SBIR Phase III
 - NAWCTSD R&D Broad Agency Announcement (S&T projects only)
 - ONR/DoD/funding agency contracting
- <https://www.onr.navy.mil/en/work-with-us/funding-opportunities>
- Consider new opportunities available through the Tech Grove

Research & Technology Program Office POC

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F-35 Training Systems and Simulation PMO

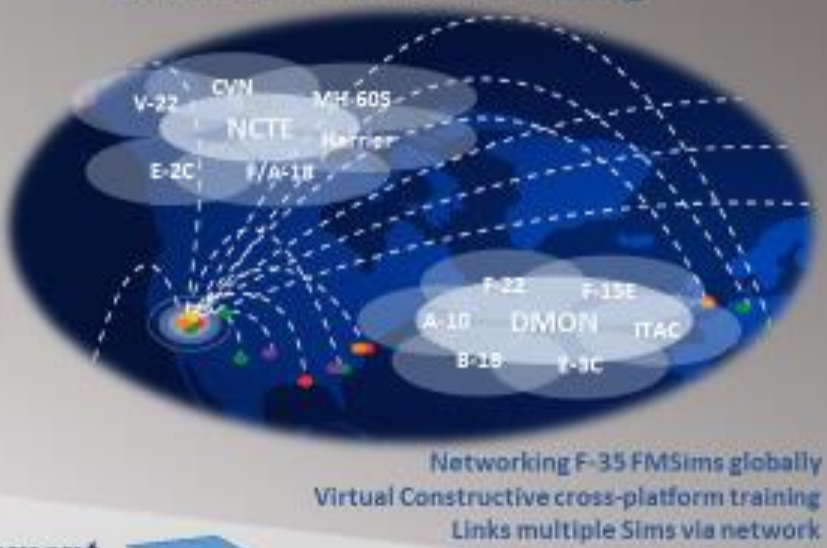
Vision

Training Systems



Enabling Lethality via a family of connected trainers in a high-fidelity environment

Distributed Mission Training



Joint Simulation Environment

Go't-owned, High Density Threat Environment



Integrates High-Fidelity models (F-35-In-A-Box, Red Forces, Blue Forces, weapons, datalinks) that provide an operationally relevant, simulated environment



Enables F-35 capability verification and experimentation via 14 simulators that can replicate Blue and Red Air. Leverage environment for Training



Effects Based Simulator that provides a scalable architecture across various hardware form factors (small, deployable) suitable for F-35 tactics development and training



F-35 Training Systems and Simulation PMO

Baselined to enable F-35 Lethality



Air Vehicle Alignment

Capability Insertion

Aircraft capabilities inserted into Trainers and JSE within 6wks of aircraft SW release

Threat Fidelity Improvement

Increased Threat IAW User Priorities

Develop

Sim Interoperability

FMSims interacting across Service Networks enabling large-scale training

Next Gen Training 'Family' & Re-Architecture

Modular SW

Open HW & SW

Agile and modern Next Generation Trainers

Roadmap FY21-27

- Aircraft Capabilities < 6-wks into Pilot Trainers
- Threats are operationally relevant with realistic behaviors
- JSE: Complete IOT&E
- Small Footprint Trainer developed and fielded
- Open Systems SW delivered
- 100% FMSims DMT capable



Deliver

- 90 trainers and courseware delivered across the F-35 enterprise
- JSE: Air-System alignment for follow-on F-35 capability verification

- FY21: Deliver 11 Trainers
- US Deliveries (FY21-27)
- Pilot Training Devices: 40
- Maintainer Training Devices: 2

>150 Trainers across 20 sites

Sustain

Optimizing Trainer Availability

FMSim Tech Refresh

CPFH Affordability Target by end of FY21

- Achieve FMSim Availability Targets by FY25
- FMSim Tech Refresh Phase 1 completed by FY23
- Achieve Training CPFH goals by FY25